



Don't  
Stop / Keep  
Going



STARKGEN

THE POWER OF YOU



ASKO

www.starkgen.com







# We Produce World Quality Generators

Starkgen is one of the biggest generator manufacturer in TURKIYE which produces diesel generators in the range of 10 KVA up to 2500 KVA at Başak Tractor Campus in Sakarya. Starkgen exports its diesel generators to 73 countries. Starkgen has a strong distribution network and Starkgen especially operates in the Middle East, Africa, Asia, Europe and South America markets.

Starkgen was established with the gathering of company executives with nearly 20 years of generator sector experience in the field of production, sales and marketing, and after-sales services.

We produce high quality diesel generators, medium voltage generators, natural gas generators, Cogeneration & Trigeneration systems, customized generators and light towers with our professional team that follows the innovations in today's generator industry and dominates the sector.

In our production facility, which has quality and environmental certificates such as ISO9001, ISO14001, we have high quality and reliable products are produced in accordance with the standards.

## Our Vision

Our Vision is To be the preferred brand of the world with its reliable, high quality and wide product range, fully meeting the expectations and needs of our customers without sacrificing reliability and quality, following technological innovations with our experienced and dynamic staff and developing standards.

## Our Mission

Our mission is to provide our valued customers with high quality product and engineering solutions and to provide the products and after-sales services they need from a single source.



Designed and  
produced in Turkey



Large  
production area



High  
production capacity



Exports and operates  
to 73 countries  
around the world

# Generator Sets

## Standard Equipments

### Engine

In Starkgen generator sets, the world's leading state-of-the-art engine brands are used, which comply with ISO 8528, ISO 3046, BS 5514, DIN 6271 standards, have low fuel consumption, provide precise speed regulation and regulation, are mounted on the fuel pump, and have mechanical or electronic type governors.

### Alternator

In Starkgen Generator sets, we use the alternators which have passed all necessary test stages, IEC 60034-1; CEI EN 60034-1; BS 4999-5000; VDE 0530, NF 51-100,111; OVE M-10, NEMA MG 1.22. Standards, maintenance-free bedding system, electronic type voltage regulator providing precise voltage adjustment, state-of-the-art technology, leading alternator brands preferred all over the world for their quality, high efficiency and durability.

### Control Panel

The control panels used in Starkgen generator sets provide comfortable and safe use. All measured and statistical parameters, operating modes, warnings and alarms and the status of the generator can be easily monitored from the control panels. The metal

body of the panel, which has an electronic control module and an emergency stop button on the front, is made of steel sheet and painted with electrostatic powder paint. Starkgen Generator offers panel designs and solutions according to the special requests of its customers, as well as high quality standard panels.

### Chassis and Fuel Tank

It minimizes the vibration level with its rigid structural design and anti-vibration wedges, which are made of steel that will carry the load of the generator set. All chassis contain lifting lugs. Except for the standard chassis, all of which are produced by Starkgen Generator, special solutions designed in line with customer demands provide great convenience in transportation and placement. In generator sets with a power of less than 850 kVA, the fuel tank is produced as integrated into the chassis. For generator sets with power greater than 850 kVA, the rectangular type fuel tank is provided separately with the generator set.

### Cooling system

The system, which consists of a quality industrial type radiator, expansion tank and cooling fan, ensures that the generator equipment remains stable at the appropriate temperature.

## Some of the Optional Generator Set Equipment

- Medium voltage alternator,
- Remote radiator applications,
- Automatic fuel filling system,
- Drain tank, oil sump, panel, alternator winding heaters,
- Double AVR and PMG alternator,
- Synchronization systems,
- Generator output switch,
- Automatic transfer panel,
- Suitable for special sound level demands insulated cabins,
- Seismic solutions
- Trailer,
- Remote Monitoring

# Product Range

Diesel generators  
Light tower  
Natural gas generator  
Medium voltage generators  
Cogeneration and trigeneration  
Special generators



## Canopied Generators

With the special design of its engineers, Starkgen is able to manufacture canopied generators both quieter and more compactly. In this way, Starkgen generators are preferred in civil, industrial and commercial areas. The structure of the cabinets is produced in the form of a press, with a steel metal sheet. Thus, cathodic provides high protection against possible corrosion. With the modularity of the cabinets, it enables special designs and projects.

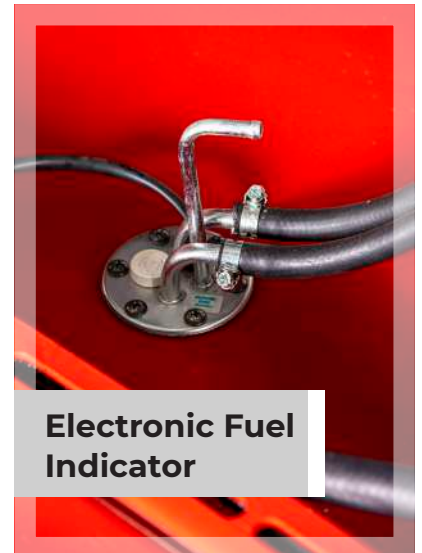
## Equipment Used

### ENGINES

- **Başak engines** of our own production (25 - 110 kVA)
- World brand, proven **Perkins engines** (10 - 2500 kVA)
- **SDEC motors**, the largest and highest quality manufacturer in the Far East (71 - 1100 kVA)

### ALTERNATORS

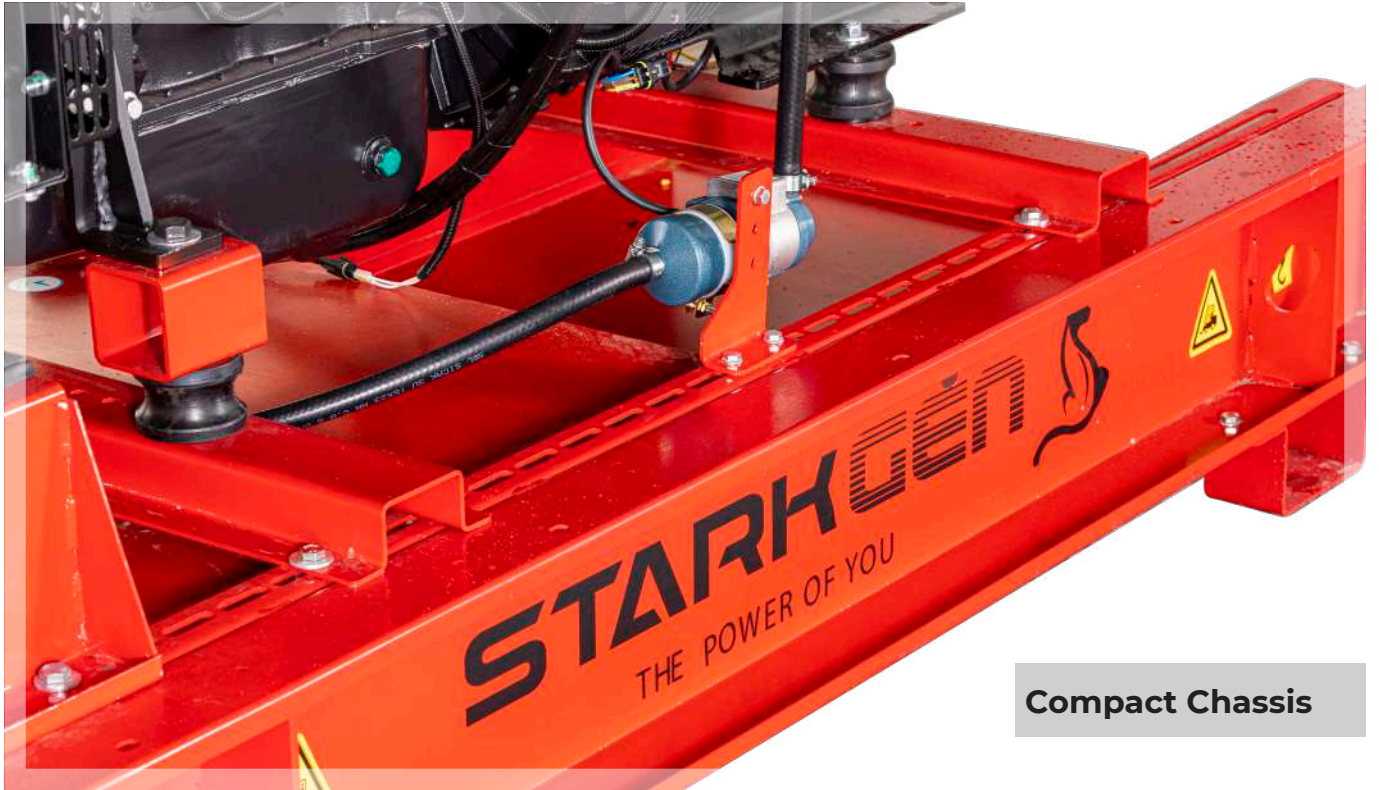
- Our solution partner in alternator; **WEG**, the world's largest alternator and electric motor manufacturer
- Our own brand **Lynx**, which we have produced based on our experience in the sector
- French giant alternator manufacturer **Leroy Somer**, which has been accepted in the world market
- **Marelli**, Italy's oldest and largest product range manufacturer



Electronic Fuel Indicator



Sound Insulation



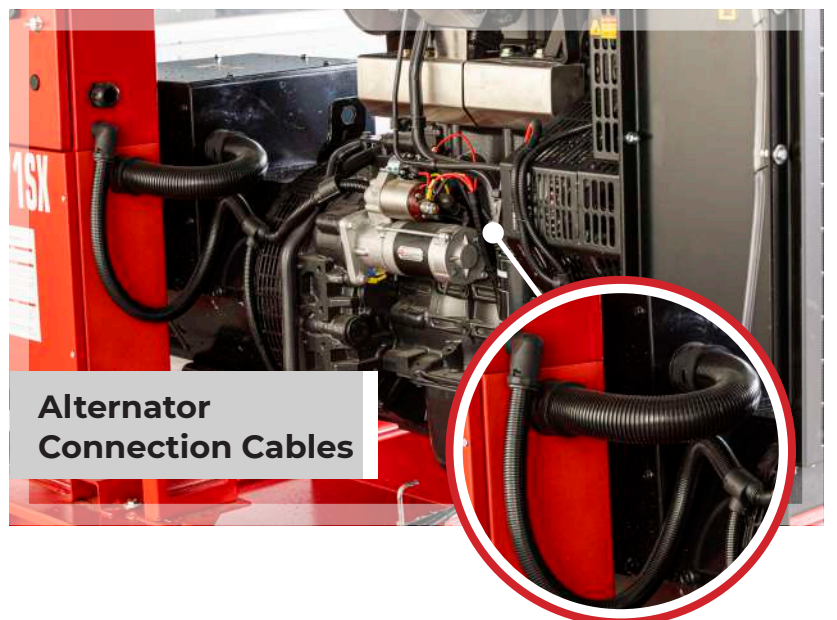
**Compact Chassis**



**Control Board**



**Jacket Water Heater**



**Alternator  
Connection Cables**



# Engines Identified with Starkgen Generator's Quality



**BASAK engines**, the rightful pride of our country and us, produced at Başak Tractor facilities in Sakarya, stand out with their domestic design and strong structure.

- Nearly 100% domestic production
- Low sound level
- High quality
- Extra standard equipment on the engine
- Compact engine design



As Starkgen , we use **SDEC** engine is part of the SAIC Group which is listed in the Fortune 500 and also it is the 52nd largest companies in the world with an annual turnover of 144 billion dollars.

- Unlike other engine manufacturers, free 4 years or 1,000 hours warranty
- Vehicles produced with the world's largest automobile giants (*Volkswagen, Skoda, MG, GM*)
- Reaching the product range to 1400 kVA in 2022
- Producing engines up to 3800 kVA in 2023

As Starkgen, we use **PERKINS** engines which is one of the world's leading British diesel engines manufacturer, we are passionate about delivering excellent products and services that exceed our customers' expectations with our Perkins powered Starkgen generators.

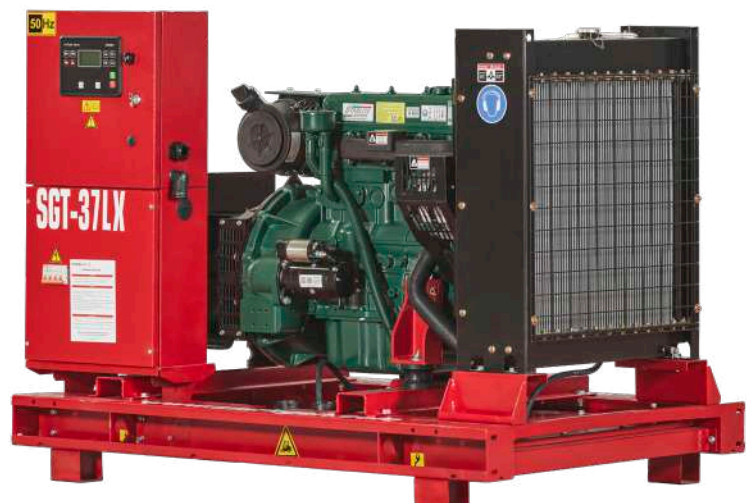
- Wide range of products
- Brand awareness
- Easy supply of spare parts
- Appropriate price and quality performance in large powers
- The fact that we use it in industrial products that we manufacture
- Product range befitting with our Starkgen Generator brand in many sectors



We combine the quality of Lister Petter which experienced engine manufacturer in England with Starkgen Generator and we bring it back to the industry. **LISTER PETTER** is the name for energy production worldwide. From water pumping to telecommunications, from agriculture to industry, from factory to emergency applications, LISTER PETTER power is a reliable choice.



- This engine is among the best performing engines that can work at all environments from sub to zero temperatures in the north to the heat of the Middle East deserts and African plains.
- Wide product range from 19KVA to 927 KVA
- Affordable options compared to its quality



# BAŞAK / LYNX



LYNX

- Başak, 4-stroke, water-cooled, 1500 rpm diesel engine
- Single bearing alternator, IP 23 protection, H insulation class
- Standard 50 Hz., 400 / 230 V. AC. output voltage
- Anti-vibration wedges
- Group-mounted, flexible fuel hoses and lubricating oil drain valve
- Fuel tank on chassis
- Soundproof cabin option
- Open type residential muffler
- Engine jacket water heater
- Owner's manual

| Generator Specification |           |       |           |       | Engine Specification |           |          |                    |      |        |                            |               |                         | Generator Sets |                         |            |  |  |
|-------------------------|-----------|-------|-----------|-------|----------------------|-----------|----------|--------------------|------|--------|----------------------------|---------------|-------------------------|----------------|-------------------------|------------|--|--|
| 50 Hz. - 400 / 230 V.   |           |       |           |       | Alternator Model     | Model     | Cylinder |                    |      |        | Fuel                       |               | Dimensions and Weight   |                |                         |            |  |  |
| Model                   | kVA       |       | kW        |       |                      |           | Type     | Total Displacement | Bore | Stroke | Fuel consumption @100 load | Tank Capacity | Open Type               |                | Soundproof type         |            |  |  |
|                         | Cos Ø 0,8 |       | ISO 8528* |       |                      |           |          |                    |      |        |                            |               | Width x Length x Height | Dry Weight     | Width x Length x Height | Dry Weight |  |  |
|                         | Stand By  | Prime | Stand By  | Prime |                      |           |          |                    |      |        |                            |               | mm.                     | kg.            | mm.                     | kg.        |  |  |
| SGT-25BX                | 25        | 20    | 23        | 18,4  | LX184E               | 308100G   | 3L       | 2,356              | 100  | 100    | 6,2                        | 55            | 1000x1500x1220          | 870            | 1000x2200x1280          | 1160       |  |  |
| SGT-30BX                | 30        | 24    | 27        | 21,6  | LX184GX              | B408100G  | 4L       | 3,142              | 100  | 100    | 7,7                        | 55            | 1000x1500x1220          | 940            | 1000x2200x1280          | 1260       |  |  |
| SGT-33BX                | 33        | 26,4  | 30        | 24    | LX184GX              | 308100TG  | 3L       | 2,356              | 100  | 100    | 7,9                        | 55            | 1000x1500x1220          | 890            | 1000x2200x1280          | 1180       |  |  |
| SGT-45BX                | 45        | 36    | 40        | 32    | LX224D               | B408100TG | 4L       | 3,142              | 100  | 100    | 10,1                       | 55            | 1000x1500x1220          | 970            | 1000x2200x1280          | 1292       |  |  |
| SGT-51BX                | 51        | 40,8  | 46        | 36,8  | LX224D               | 408100TG  | 4L       | 3,142              | 100  | 100    | 11,7                       | 180           | 1100x1750x15000         | 975            | 1100x2400x1805          | 1295       |  |  |
| SGT-66BX                | 66        | 60    | 53        | 48    | LX224F               | 408100TG1 | 4L       | 3,456              | 100  | 100    | 15                         | 180           | 1100x1750x1500          | 975            | 1100x2400x1805          | 1295       |  |  |
| SGT-70BX                | 70        | 63,2  | 56        | 50,56 | LX224F               | 409100TAG | 4L       | 3,456              | 100  | 110    | 15,8                       | 180           | 1100x2000x1500          | 1026           | 1100x2850x1802          | 1400       |  |  |

# LISTER PETTER / WEG



- Lister Petter, 4-stroke, water-cooled, 1500 rpm diesel engine
- Single bearing alternator, IP 23 protection, H insulation class
- Standard 50 Hz., 400 / 230 V. AC. output voltage
- Anti-vibration wedges
- Group-mounted, flexible fuel hoses and lubricating oil drain valve
- Fuel tank on chassis
- Soundproof cabin option
- Open type residential muffler
- Engine jacket water heater
- Owner's manual

| Generator Specification |           |       |           |       | Engine Specification |              |          |                    |      |        |                            |               | Generator Sets          |            |                         |            |  |
|-------------------------|-----------|-------|-----------|-------|----------------------|--------------|----------|--------------------|------|--------|----------------------------|---------------|-------------------------|------------|-------------------------|------------|--|
| 50 Hz. - 400 / 230 V.   |           |       |           |       | Alternator Model     | Engine Model | Cylinder |                    |      |        | Fuel                       |               | Dimensions and Weight   |            |                         |            |  |
| Model                   | kVA       |       | kW        |       |                      |              | Type     | Total Displacement | Bore | Stroke | Fuel consumption @100 load | Tank Capacity | Open Type               |            | Soundproof type         |            |  |
|                         | Cos Ø 0,8 |       | ISO 8528* |       |                      |              |          |                    |      |        |                            |               | Width x Length x Height | Dry Weight | Width x Length x Height | Dry Weight |  |
|                         | Stand By  | Prime | Stand By  | Prime |                      |              |          |                    |      |        |                            |               | mm.                     | kg.        | mm.                     | kg.        |  |
| SGT-19LW                | 17,5      | 15,6  | 14        | 12,48 | 161AIHI              | SA423G1      | 4L       | 2,27               | 85   | 100    | 4,9                        | 40            | 800x1250x1000           | 510        | 800x1800x1250           | 575        |  |
| SGT-25LW                | 24        | 22,3  | 19,2      | 17,84 | 161AIHJ              | SA427G1      | 4L       | 2,67               | 90   | 105    | 5,76                       | 40            | 1000x1500x1030          | 580        | 1000x2200x1280          | 650        |  |
| SGT-32LW                | 30,3      | 27    | 24,24     | 21,6  | 162AIVD              | SA430G1      | 4L       | 3                  | 95   | 105    | 7,31                       | 55            | 1000x1500x1030          | 800        | 1000x2200x1280          | 970        |  |
| SGT-37LW                | 36,2      | 33,3  | 28,96     | 26,64 | 201AIHS              | SA432G1      | 4L       | 3,17               | 98   | 105    | 8,51                       | 55            | 1000x1500x1030          | 800        | 1000x2200x1280          | 970        |  |
| SGT-46LW                | 44,8      | 40    | 35,84     | 32    | 201AIHS              | SA432G2      | 4L       | 3,17               | 98   | 105    | 9,73                       | 55            | 1000x1500x1030          | 860        | 1100x2200x1280          | 1000       |  |
| SGT-60LW                | 56,3      | 51,4  | 45,04     | 41,12 | 201AIHV              | SA435G1      | 4L       | 3,5                | 98   | 115    | 12,26                      | 55            | 1000x1500x1030          | 860        | 1100x2200x1280          | 1000       |  |
| SGT-70LW                | 66        | 60    | 52,8      | 48    | 201AIHE              | SA441G1      | 4L       | 4,1                | 105  | 118    | 15,26                      | 180           | 1100x1750x1555          | 960        | 1100x2400x1805          | 1375       |  |
| SGT-77LW                | 74        | 67,8  | 59,2      | 54,24 | 202AIVS              | SA441G2      | 4L       | 4,1                | 105  | 118    | 16,1                       | 180           | 1100x1750x1555          | 960        | 1100x2400x1805          | 1375       |  |
| SGT-95LW                | 90        | 82    | 72        | 65,6  | 202AIVS              | LP443G3      | 4L       | 4,3                | 105  | 124    | 19,5                       | 180           | 1100x2000x1552          | 1135       | 1100x2850x1802          | 1500       |  |
| SGT-120LW               | 108       | 100   | 86,4      | 80    | 202AIVJ              | LP443G4      | 4L       | 4,3                | 105  | 124    | 23                         | 180           | 1100x2000x1552          | 1175       | 1100x2850x1802          | 1600       |  |
| SGT-150LW               | 140       | 127,5 | 112       | 102   | 251AIHD              | LP443G6      | 4L       | 4,3                | 105  | 124    | 28,3                       | 450           | 1200x2400x1703          | 1400       | 1200x3200x1953          | 1900       |  |
| SGT-175LW               | 164       | 148   | 131,2     | 118,4 | 251AIHE              | LP665G2      | 4L       | 6,5                | 105  | 125    | 33,1                       | 450           | 1200x2400x1660          | 1510       | 1200x3200x1953          | 1930       |  |
| SGT-206LW               | 193       | 176   | 154,4     | 140,8 | 251AIHE              | LP665G3      | 6L       | 6,5                | 105  | 124    | 39,7                       | 450           | 1200x2400x1660          | 1656       | 1200x3200x1953          | 2076       |  |
| SGT-220LW               | 226       | 205   | 180,8     | 164   | 250SI10AI            | LP689G1      | 6L       | 8,82               | 114  | 144    | 44,1                       | 450           | 1200x2400x1660          | 1656       | 1200x3200x1953          | 2076       |  |
| SGT-255LW               | 255       | 233   | 204       | 186,4 | 250SI20AI            | LP689G2      | 6L       | 8,82               | 114  | 144    | 49,6                       | 500           | 1300x2700x1760          | 1900       | 1300x4000x2148          | 2456       |  |
| SGT-275LW               | 276       | 250   | 220,8     | 200   | 250SI20AI            | LP689G3      | 6L       | 8,82               | 114  | 144    | 55,1                       | 500           | 1300x2700x1898          | 2170       | 1300x4000x2150          | 2600       |  |
| SGT-350LW               | 350       | 318   | 280       | 254,4 | 250MI10AI            | LP612G2      | 6L       | 11,8               | 128  | 153    | 66,9                       | 700           | 1500x3100x1900          | 2556       | 1500x4400x2859          | 3276       |  |
| SGT-385LW               | 370       | 351   | 296       | 280,8 | 250MI20AI            | LP612G3      | 6L       | 11,8               | 128  | 153    | 72,9                       | 700           | 1500x3100x1900          | 2680       | 1500x4400x2859          | 3400       |  |
| SGT-420LW               | 420       | 380   | 336       | 304   | 280MI20AI            | LP613G1      | 6L       | 12,8               | 130  | 161    | 88                         | 700           | 1500x3100x2000          | 2750       | 1500x4400x2859          | 3470       |  |
| SGT-460LW               | 457       | 410   | 365,6     | 328   | 280MI20AI            | LP613G2      | 6L       | 12,8               | 130  | 161    | 84,8                       | 680           | 1500x3300x2150          | 3624       | 1500x4600x2904          | 4324       |  |
| SGT-500LW               | 500       | 454   | 400       | 363,2 | 280MI40AI            | LP613EG2     | 6L       | 12,8               | 130  | 161    | 99,1                       | 680           | 1500x3300x2150          | 3624       | 1500x4600x2904          | 4324       |  |
| SGT-550LW               | 553       | 500   | 442,4     | 400   | 280MI40AI            | LP613EG3     | 6L       | 12,8               | 130  | 161    | 109                        | 680           | 1500x3300x2150          | 3694       | 1500x4600x2904          | 4394       |  |
| SGT-650LW               | 644       | 583   | 515,2     | 466,4 | 315MI20AI            | LP625EG2     | 6L       | 25,18              | 170  | 185    | 124                        | 1200          | 1900x3600x2253          | 4700       | 1900x5200x3110          | 6000       |  |
| SGT-720LW               | 709       | 644   | 567,2     | 515,2 | 315MI20AI            | LP625EG3     | 6L       | 25,18              | 170  | 185    | 136                        | 1200          | 1900x3600x2253          | 4750       | 1900x5200x3110          | 6050       |  |
| SGT-790LW               | 780       | 707   | 624       | 565,6 | 315MI30AI            | LP625EG4     | 6L       | 25,18              | 170  | 185    | 148                        | 1680          | 2100x4400x2500          | 5020       | 2100x5650x3110          | 7950       |  |
| SGT-860LW               | 856       | 750   | 684,8     | 600   | 315MI30AI            | LP625EG5     | 6L       | 25,18              | 170  | 185    | 163                        | 1680          | 2100x4400x2500          | 5020       | 2100x5650x3110          | 7950       |  |
| SGT-930LW               | 917       | 830   | 733,6     | 664   | 315MI40AI            | LP625EG7     | 6L       | 25,18              | 170  | 185    | 169                        | 1680          | 2100x4400x2500          | 5020       | 2100x5650x3110          | 7950       |  |

# LISTER PETTER / LYNX



**LYNX**

- Lister Petter, 4-stroke, water-cooled, 1500 rpm diesel engine
- Single bearing alternator, IP 23 protection, H insulation class
- Standard 50 Hz., 400 / 230 V. AC. output voltage
- Anti-vibration wedges
- Group-mounted, flexible fuel hoses and lubricating oil drain valve
- Fuel tank on chassis
- Soundproof cabin option
- Open type residential muffler
- Engine jacket water heater
- Owner's manual

| Generator Specification |           |       |           |       | Engine Specification |          |          |                    |      |        |                             |               | Generator Sets          |            |                         |            |
|-------------------------|-----------|-------|-----------|-------|----------------------|----------|----------|--------------------|------|--------|-----------------------------|---------------|-------------------------|------------|-------------------------|------------|
| 50 Hz. - 400 / 230 V.   |           |       |           |       | Alternator Model     | Model    | Cylinder |                    |      |        | Fuel                        |               | Dimensions and Weight   |            |                         |            |
| Model                   | kVA       |       | kW        |       |                      |          | Type     | Total Displacement | Bore | Stroke | Fuel consumption @%100 load | Tank Capacity | Open Type               |            | Soundproof type         |            |
|                         | Cos Ø 0,8 |       | ISO 8528* |       |                      |          |          |                    |      |        |                             |               | Width x Length x Height | Dry Weight | Width x Length x Height | Dry Weight |
|                         | Stand By  | Prime | Stand By  | Prime |                      |          |          |                    |      |        |                             |               | mm.                     | kg.        | mm.                     | kg.        |
| SGT-19LX                | 19        | 16,75 | 15,2      | 13,4  | LX184ES              | SA423G1  | 4L       | 2,27               | 85   | 100    | 4,9                         | 40            | 800x1250x1000           | 510        | 800x1800x1250           | 575        |
| SGT-25LX                | 25        | 23    | 20        | 18,4  | LX184E               | SA427G1  | 4L       | 2,67               | 90   | 105    | 5,76                        | 55            | 1000x1500x1030          | 580        | 1000x2200x1280          | 650        |
| SGT-32LX                | 31,5      | 28,6  | 25,2      | 22,88 | LX184GX              | SA430G1  | 4L       | 3,17               | 95   | 105    | 7,31                        | 55            | 1000x1500x1030          | 800        | 1000x2200x1280          | 970        |
| SGT-37LX                | 37        | 34    | 29,6      | 27,2  | LX184GX              | SA432G1  | 4L       | 3,17               | 98   | 105    | 8,51                        | 55            | 1000x1500x1030          | 800        | 1000x2200x1280          | 970        |
| SGT-46LX                | 46        | 36,8  | 42        | 33,6  | LX184K               | SA432G2  | 4L       | 3,17               | 98   | 105    | 9,73                        | 55            | 1000x1500x1030          | 860        | 1100x2200x1280          | 1000       |
| SGT-60LX                | 59        | 53,75 | 47,2      | 43    | LX224E               | SA435G1  | 4L       | 3,5                | 98   | 115    | 12,26                       | 55            | 1000x1500x1030          | 860        | 1100x2200x1280          | 1000       |
| SGT-70LX                | 70        | 64    | 56        | 51,2  | LX224F               | SA441G1  | 4L       | 4,1                | 105  | 118    | 15,26                       | 55            | 1100x1750x1555          | 960        | 1100x2400x1805          | 1375       |
| SGT-77LX                | 76,5      | 70    | 61,2      | 56    | LX224F               | SA441G2  | 4L       | 4,1                | 105  | 118    | 16,1                        | 180           | 1100x1750x1555          | 960        | 1100x2400x1805          | 1375       |
| SGT-95LX                | 94,5      | 85,75 | 75,6      | 68,9  | LX224G               | LP443G3  | 4L       | 4,3                | 105  | 124    | 19,5                        | 180           | 1100x2000x1552          | 1135       | 1100x2850x1802          | 1500       |
| SGT-120LX               | 116,5     | 105   | 93,2      | 84    | LX274D               | LP443G4  | 4L       | 4,3                | 105  | 124    | 23                          | 180           | 1100x2000x1552          | 1175       | 1100x2850x1802          | 1600       |
| SGT-150LX               | 146,5     | 133   | 117,2     | 160,4 | LX274E               | LP443G6  | 4L       | 4,3                | 105  | 124    | 28,3                        | 450           | 1200x2400x1703          | 1400       | 1200x3200x1953          | 1900       |
| SGT-175LX               | 172       | 155   | 137,6     | 124   | LX274F               | LP665G2  | 4L       | 14,16              | 135  | 105    | 33,1                        | 450           | 1500x3100x2000          | 2750       | 1500x4400x2859          | 1930       |
| SGT-206LX               | 206       | 187,5 | 164,8     | 150   | LX275H               | LP665G3  | 6L       | 6,5                | 105  | 124    | 39,7                        | 450           | 1200x2400x1660          | 1656       | 1200x3200x1953          | 2076       |
| SGT-220LX               | 220       | 200   | 176       | 160   | LX274H               | LP689G1  | 6L       | 8,82               | 114  | 144    | 44,1                        | 450           | 1200x2400x1660          | 1656       | 1200x3200x1953          | 2076       |
| SGT-255LX               | 256       | 234   | 204,8     | 187,2 | LX274H               | LP689G1  | 6L       | 8,82               | 114  | 144    | 49,6                        | 500           | 1200x2400x1660          | 1656       | 1200x3200x1953          | 2076       |
| SGT-275LX               | 275       | 250   | 220       | 200   | LX274K               | LP689G3  | 6L       | 8,82               | 114  | 144    | 55,1                        | 500           | 1300x2700x1898          | 2170       | 1300x4000x2150          | 2600       |
| SGT-350LX               | 351       | 320   | 280,8     | 256   | LX314ES              | LP612G2  | 6L       | 11,80              | 128  | 153    | 66,9                        | 700           | 1500x3100x1900          | 2680       | 1500x4400x2859          | 3400       |
| SGT-385LX               | 385       | 350   | 308       | 280   | LX314E               | LP612G3  | 6L       | 11,80              | 128  | 153    | 72,9                        | 700           | 1500x3100x1900          | 2680       | 1500x4400x2859          | 3400       |
| SGT-420LX               | 418       | 380   | 334,4     | 304   | LX314F               | LP613G1  | 6L       | 12,80              | 130  | 161    | 88                          | 700           | 1500x3100x2000          | 2750       | 1500x4400x2859          | 3470       |
| SGT-460LX               | 457       | 415   | 365,6     | 332   | LX314G               | LP613EG2 | 6L       | 12,80              | 130  | 161    | 84,8                        | 680           | 1300x2700x1898          | 2170       | 2100x5200x3110          | 2600       |
| SGT-500LX               | 503       | 456   | 402,4     | 364,8 | LX354D               | LP613EG2 | 6L       | 12,80              | 130  | 161    | 99,1                        | 680           | 1500x3300x2150          | 3624       | 1500x4600x2904          | 4324       |
| SGT-550LX               | 550       | 500   | 440       | 400   | LX354D               | LP61EG3  | 6L       | 12,80              | 130  | 161    | 109                         | 680           | 1500x3300x2150          | 3694       | 1500x4600x2904          | 4394       |
| SGT-650LX               | 649       | 590   | 519,2     | 472   | LX354E               | LP625EG2 | 6L       | 25,18              | 170  | 185    | 124                         | 1200          | 1900x3600x2253          | 4700       | 2100x5200x3110          | 6000       |
| SGT-720LX               | 718       | 653   | 574,4     | 522,4 | LX354F               | LP625EG3 | 6L       | 25,18              | 170  | 185    | 136                         | 1200          | 1900x3600x2253          | 4750       | 1900x5200x3110          | 6050       |
| SGT-790LX               | 786       | 715   | 628,8     | 572   | LX354G               | LP25EG4  | 6L       | 25,18              | 170  | 185    | 148                         | 1680          | 2100x4400x2500          | 5020       | 2100x5650x3110          | 7950       |
| SGT-870LX               | 869       | 790   | 695,2     | 632   | LX404C               | LP62EG5  | 6L       | 25,18              | 170  | 185    | 163                         | 1680          | 2100x4400x2500          | 5020       | 2100x5650x3110          | 7950       |
| SGT-930LX               | 927       | 844   | 741,6     | 675,2 | LX354G               | LP25EG4  | 6L       | 25,18              | 170  | 185    | 169                         | 1680          | 2100x4400x2500          | 5020       | 2100x5650x3110          | 7950       |



# SDEC / LYNX



LYNX

- Sdec, 4-stroke, water-cooled, 1500 rpm diesel engine
- Single bearing alternator, IP 23 protection, H insulation class
- Standard 50 Hz., 400 / 230 V. AC. output voltage
- Anti-vibration wedges
- Group-mounted, flexible fuel hoses and lubricating oil drain valve
- Fuel tank on chassis
- Soundproof cabin option
- Open type residential muffler
- Engine jacket water heater
- Owner's manual

| Generator Specification |           |       |           |       | Engine Specification |             |          |                    |      |        |                            |               | Generator Sets          |            |                         |            |
|-------------------------|-----------|-------|-----------|-------|----------------------|-------------|----------|--------------------|------|--------|----------------------------|---------------|-------------------------|------------|-------------------------|------------|
| 50 Hz. - 400 / 230 V.   |           |       |           |       | Alternator Model     | Model       | Cylinder |                    |      |        | Fuel                       |               | Dimensions and Weight   |            |                         |            |
| Model                   | kVA       |       | kW        |       |                      |             | Type     | Total Displacement | Bore | Stroke | Fuel consumption @100 load | Tank Capacity | Open Type               |            | Soundproof type         |            |
|                         | Cos Ø 0,8 |       | ISO 8528* |       |                      |             |          |                    |      |        |                            |               | Width x Length x Height | Dry Weight | Width x Length x Height | Dry Weight |
|                         | Stand By  | Prime | Stand By  | Prime |                      |             |          |                    |      |        |                            |               |                         |            |                         |            |
| SGT-71SX                | 72        | 65    | 57,6      | 52    | LX224F               | SC4H95D2    | 4L       | 4,5                | 105  | 124    | 14,8                       | 180           | 1100x2000x1420          | 1060       | 1100x2850x1802          | 1434       |
| SGT-90SX                | 92        | 83,5  | 73,6      | 66,8  | LX224G               | SC4H115D2   | 4L       | 4,3                | 105  | 124    | 20,2                       | 180           | 1100x2000x1420          | 1140       | 1100x2850x1802          | 1514       |
| SGT-110SX               | 110       | 100   | 88        | 80    | LX224H               | SC4H160D2   | 4L       | 4,3                | 105  | 124    | 25                         | 180           | 1100x2000x1420          | 1150       | 1100x2850x1802          | 1524       |
| SGT-125SX               | 125       | 113   | 100       | 90,4  | LX274D               | SC4H160D2   | 4L       | 4,3                | 105  | 124    | 25                         | 180           | 1100x2000x1420          | 1150       | 1100x2850x1802          | 1524       |
| SGT-145SX               | 145       | 131   | 116       | 104,8 | LX274E               | SC4H180D2   | 4L       | 4,3                | 105  | 124    | 28,6                       | 180           | 1100x2000x1530          | 1320       | 1100x3200x1902          | 1530       |
| SGT-175SX               | 175       | 160   | 140       | 128   | LX274F               | SC7H230D2   | 6L       | 6,44               | 105  | 124    | 36                         | 450           | 1200x2400x1660          | 1510       | 1200x3200x1953          | 1930       |
| SGT-190SX               | 188       | 170   | 150,4     | 136   | LX274G               | SC7H230D2   | 6L       | 6,44               | 105  | 124    | 36                         | 450           | 1200x2400x1660          | 1510       | 1200x3200x1930          | 1930       |
| SGT-210SX               | 206       | 187,5 | 164,8     | 150   | LX274H               | SC7H250D2   | 6L       | 6,44               | 105  | 124    | 39,3                       | 450           | 1200x2400x1660          | 1656       | 1200x3200x1953          | 2076       |
| SGT-255SX               | 253       | 230   | 202,4     | 184   | LX274K               | SC9D310D2   | 6L       | 8,82               | 114  | 144    | 50,6                       | 500           | 1300x2700x1760          | 1900       | 1300x4000x2148          | 2456       |
| SGT-285SX               | 285       | 255   | 228       | 204   | LX274L               | SC9D340D2   | 6L       | 8,82               | 114  | 144    | 54,1                       | 500           | 1300x2700x1760          | 2044       | 1300x4000x2148          | 2610       |
| SGT-350SX               | 342,5     | 312   | 274       | 249,6 | LX314ES              | SC10E400D2  | 6L       | 11,8               | 128  | 153    | 67,5                       | 700           | 1500x3100x1900          | 2556       | 1500x4400x2859          | 3276       |
| SGT-385SX               | 385       | 350   | 308       | 280   | LX314E               | SC15G500D2  | 6L       | 14,16              | 135  | 165    | 81,2                       | 700           | 1500x3100x1900          | 2680       | 1500x4400x2859          | 3400       |
| SGT-410SX               | 410       | 375   | 328       | 300   | LX314F               | SC15G500D2  | 6L       | 14,16              | 135  | 165    | 81,2                       | 700           | 1500x3100x2000          | 2750       | 1500x4400x2859          | 3470       |
| SGT-500SX               | 500       | 455   | 400       | 364   | LX354D               | SC25G610D2  | 12L      | 25,8               | 135  | 150    | 100,4                      | 1200          | 1900x3600x2300          | 4800       | 1900x5200x3110          | 5780       |
| SGT-575SX               | 575       | 520   | 460       | 416   | LX354E               | SC25G690D2  | 12L      | 25,8               | 135  | 150    | 113,8                      | 1200          | 1900x3600x2300          | 4840       | 1900x5200x3110          | 5820       |
| SGT-630SX               | 628       | 570   | 502,4     | 456   | LX354E               | SC27G755D2  | 12L      | 26,6               | 135  | 155    | 126                        | 1200          | 1900x3600x2300          | 5200       | 1900x5200x3110          | 6180       |
| SGT-700SX               | 694       | 642   | 555,2     | 513,6 | LX354F               | SC27G830D2  | 12L      | 26,6               | 135  | 155    | 141                        | 1200          | 1900x3600x2300          | 5270       | 1900x5200x3110          | 6250       |
| SGT-750SX               | 758       | 690   | 606,4     | 552   | LX354G               | SC27G900D2  | 12L      | 26,6               | 135  | 155    | 148,8                      | 1200          | 1900x3600x2300          | 5290       | 1900x5200x3110          | 6270       |
| SGT-820SX               | 825       | 750   | 660       | 600   | LX354G               | SC33W990D2  | 6L       | 32,8               | 180  | 215    | 163,7                      | 1680          | 2100x4300x2370          | 5490       | 2100x5900x3467          | 6710       |
| SGT-1000SX              | 1000      | 900   | 800       | 720   | LX404D               | SC33W1150D2 | 6L       | 32,8               | 180  | 215    | 193,5                      | 1680          | 2100x4300x2370          | 5520       | 2100x5900x3467          | 6740       |
| SGT-1100SX              | 1100      | 1000  | 880       | 800   | LX404E               | 6WTAA35-G31 | 6L       | 35,1               | 186  | 215    | 188,1                      | 1680          | 2100x4300x2370          | 7626       | 2100x5900x3467          | 8846       |



# SDEC / WEG

- Sdec, 4-stroke, water-cooled, 1500 rpm diesel engine
- Single bearing alternator, IP 23 protection, H insulation class
- Standard 50 Hz., 400 / 230 V. AC. output voltage
- Anti-vibration wedges
- Group-mounted, flexible fuel hoses and lubricating oil drain valve
- Fuel tank on chassis
- Soundproof cabin option
- Open type residential muffler
- Engine jacket water heater
- Owner's manual

| Generator Specification |           |       |           |       | Engine Specification |             |          |                    |      |        |                             |               | Generator Sets          |            |                         |            |
|-------------------------|-----------|-------|-----------|-------|----------------------|-------------|----------|--------------------|------|--------|-----------------------------|---------------|-------------------------|------------|-------------------------|------------|
| 50 Hz. - 400 / 230 V.   |           |       |           |       | Alternator Model     | Model       | Cylinder |                    |      |        | Fuel                        |               | Dimensions and Weight   |            |                         |            |
| Model                   | kVA       |       | kW        |       |                      |             | Type     | Total Displacement | Bore | Stroke | Fuel consumption @%100 load | Tank Capacity | Open Type               |            | Soundproof type         |            |
|                         | Cos Ø 0,8 |       | ISO 8528* |       |                      |             |          |                    |      |        |                             |               | Width x Length x Height | Dry Weight | Width x Length x Height | Dry Weight |
|                         | Stand By  | Prime | Stand By  | Prime |                      |             |          |                    |      |        |                             |               |                         |            |                         |            |
| SGT-71SW                | 70        | 63    | 56        | 50,4  | 201AIHE              | SC4H95D2    | 4L       | 4,5                | 105  | 124    | 14,8                        | 180           | 1100x2000x1420          | 1060       | 1100x2850x1802          | 1434       |
| SGT-90SW                | 90        | 81    | 72        | 64,8  | 202AIVS              | SC4H115D2   | 4L       | 4,3                | 105  | 124    | 20,2                        | 180           | 1100x2000x1420          | 1140       | 1100x2850x1802          | 1514       |
| SGT-110SW               | 108       | 100   | 86,4      | 80    | 202AIVJ              | SC4H160D2   | 4L       | 4,3                | 105  | 124    | 25                          | 180           | 1100x2000x1420          | 1150       | 1100x2850x1802          | 1524       |
| SGT-125SW               | 125       | 110   | 100       | 88    | 251AIHD              | SC4H160D2   | 4L       | 4,3                | 105  | 124    | 25                          | 180           | 1100x2000x1420          | 1150       | 1100x2850x1802          | 1524       |
| SGT-145SW               | 139       | 126   | 111,2     | 100,8 | 251AIHD              | SC4H180D2   | 4L       | 4,3                | 105  | 124    | 28,6                        | 180           | 1100x2000x1530          | 1320       | 1100x2850x1902          | 1530       |
| SGT-190SW               | 180       | 163   | 144       | 130,4 | 251AIHE              | SC7H230D2   | 6L       | 6,44               | 105  | 124    | 36                          | 450           | 1200x2400x1660          | 1510       | 1200x3200x1953          | 1930       |
| SGT-210SW               | 195       | 175   | 156       | 140   | 251AIHE              | SC7H250D2   | 6L       | 6,44               | 105  | 124    | 36                          | 450           | 1200x2400x1660          | 1656       | 1200x3200x1953          | 2076       |
| SGT-255SW               | 251       | 200,8 | 230       | 184   | 250SI20AI            | SC7H310D2   | 6L       | 6,44               | 105  | 124    | 39,3                        | 450           | 1300x2700x1760          | 1900       | 1300x4000x2148          | 2456       |
| SGT-285SW               | 277       | 250   | 221,6     | 184   | 250SI20AI            | SC9D340D2   | 6L       | 8,82               | 114  | 144    | 50,6                        | 500           | 1300x2700x1760          | 2044       | 1300x4000x2148          | 2610       |
| SGT-350SW               | 340       | 311   | 272       | 248,8 | 250MI10AI            | SC10E400D2  | 6L       | 8,82               | 114  | 144    | 54,1                        | 500           | 1500x3100x1900          | 2556       | 1500x4400x2859          | 3276       |
| SGT-385SW               | 370       | 347,5 | 296       | 278   | 250MI20AI            | SC15G500D2  | 6L       | 11,8               | 128  | 153    | 67,5                        | 700           | 1500x3100x1900          | 2680       | 1500x4400x2859          | 3400       |
| SGT-410SW               | 412       | 374   | 329,6     | 299,2 | 280MI20AI            | SC15G500D2  | 6L       | 14,16              | 135  | 165    | 81,2                        | 700           | 1500x3100x2000          | 2750       | 1500x4400x2859          | 3470       |
| SGT-500SW               | 500       | 451   | 400       | 360,8 | 280MI40AI            | SC25G610D2  | 6L       | 14,16              | 135  | 165    | 81,2                        | 700           | 1900x3600x2300          | 4800       | 1900x5200x3110          | 5780       |
| SGT-575SW               | 570       | 513   | 456       | 410,4 | 280MI40AI            | SC25G690D2  | 12L      | 25,8               | 135  | 150    | 100,4                       | 1200          | 1900x3600x2300          | 4840       | 1900x5200x3110          | 5820       |
| SGT-630SW               | 625       | 563   | 500       | 450   | 315MI20AI            | SC27G755D2  | 12L      | 25,8               | 135  | 150    | 113,8                       | 1200          | 1900x3600x2300          | 5200       | 1900x5200x3110          | 6180       |
| SGT-700SW               | 685       | 632   | 548       | 505,6 | 315MI20AI            | SC27G830D2  | 12L      | 26,6               | 135  | 155    | 126                         | 1200          | 1900x3600x2300          | 5270       | 1900x5200x3110          | 6250       |
| SGT-750SW               | 740       | 650   | 592       | 520   | 315MI20AI            | SC27G900D2  | 12L      | 26,6               | 135  | 155    | 141                         | 1200          | 1900x3600x2300          | 5290       | 1900x5200x3110          | 6270       |
| SGT-755SW               | 750       | 680   | 600       | 544   | 315MI30AI            | SC27G900D2  | 12L      | 26,6               | 135  | 155    | 148,8                       | 1200          | 1900x3600x2300          | 5320       | 1900x5200x3110          | 6300       |
| SGT-820SW               | 822       | 744   | 657,6     | 595,2 | 315MI30AI            | SC33W990D2  | 6L       | 32,8               | 180  | 215    | 163,7                       | 1680          | 2100x4300x2730          | 5490       | 2100x5900x3467          | 6710       |
| SGT-1000SW              | 970       | 877   | 776       | 701,6 | 352EI2S              | SC33W1150D2 | 6L       | 32,8               | 180  | 215    | 193,5                       | 1680          | 2100x4300x2730          | 5520       | 2100x5900x3467          | 6740       |
| SGT-1100SW              | 1068      | 1000  | 854,4     | 800   | 352EIYS              | 6WTAA35-G31 | 6L       | 35,1               | 186  | 215    | 188,1                       | 1680          | 2100x4300x2730          | 7626       | 2100x5900x3467          | 8846       |



**Stand By Power;** Standby Power is defined as maximum power available a generator can provide at a variable load in the event of a distribution network outage up to 200 hours per year, under conditions specified by the manufacturer. The average power supplied over a 24-hour period should not exceed 70% of the ESP indicated on the nameplate. The average load may be different according to engine manufacturers. No overload capability is available for this rating.

**Prime Power;** PRP is defined as being maximum power which a generating set can provide at variable load for an unlimited number of operating hours under conditions specified by the manufacturer. The average power supplied over a 24-hour period should not exceed 70% of the PRP indicated on the nameplate. The average load may be different according to engine manufacturers. The permissible overload is 10% of the PRP for 1 hour in every 12 hours.

\*ISO 8528; Power output at 25 Co ambient temperature and 100m. according to altitude level. For power reduction, refer to motor data or call us.

# PERKINS / LEROY SOMER



- Perkins, 4-stroke, water-cooled, 1500 rpm diesel engine
- Single bearing alternator, IP 23 protection, H insulation class
- Standard 50 Hz., 400 / 230 V. AC. output voltage
- Anti-vibration wedges
- Group-mounted, flexible fuel hoses and lubricating oil drain valve
- Fuel tank on chassis
- Soundproof cabin option
- Open type residential muffler
- Engine jacket water heater
- Owner's manual

| Generator Specification |           |       |           |        | Engine Specification |                |          |                    |      |        |                            |               |                         | Generator Sets |                         |            |     |     |
|-------------------------|-----------|-------|-----------|--------|----------------------|----------------|----------|--------------------|------|--------|----------------------------|---------------|-------------------------|----------------|-------------------------|------------|-----|-----|
| 50 Hz. - 400 / 230 V.   |           |       |           |        | Alternator Model     | Model          | Cylinder |                    |      |        | Fuel                       |               | Dimensions and Weight   |                |                         |            |     |     |
| Model                   | kVA       |       | kW        |        |                      |                | Type     | Total Displacement | Bore | Stroke | Fuel consumption @100 load | Tank Capacity | Open Type               |                | Soundproof type         |            |     |     |
|                         | Cos Ø 0,8 |       | ISO 8528* |        |                      |                |          |                    |      |        |                            |               | Width x Length x Height | Dry Weight     | Width x Length x Height | Dry Weight |     |     |
|                         | Stand By  | Prime | Stand By  | Prime  |                      |                |          |                    |      |        |                            |               |                         |                |                         |            | mm. | kg. |
| SGT-10PL                | 9,7       | 8,75  | 7,76      | 7      | TAL040B              | 403A-11G1      | 3L       | 1,131              | 77   | 81     | 2,6                        | 40            | 800x1250x1000           | 500            | 800x1800x1250           | 560        |     |     |
| SGT-15PL                | 13,55     | 12,35 | 10,84     | 9,88   | TAL040C              | 403A-15G1      | 3L       | 1,496              | 84   | 90     | 3,67                       | 40            | 800x1250x1000           | 510            | 800x1800x1250           | 575        |     |     |
| SGT-22PL                | 22        | 20    | 17,6      | 16     | TAL040F              | 404A-22G1      | 4L       | 2,216              | 84   | 100    | 5,3                        | 55            | 1000x1500x1030          | 580            | 1000x2200x1280          | 650        |     |     |
| SGT-33PL                | 33        | 30    | 26,4      | 24     | TAL042C              | 1103A-33G      | 3L       | 3,3                | 105  | 127    | 7,1                        | 55            | 1000x1500x1030          | 700            | 1000x2200x1280          | 875        |     |     |
| SGT-50PL                | 50        | 45    | 40        | 36     | TAL042F              | 1103A-33TG1    | 3L       | 3,3                | 105  | 127    | 10,7                       | 55            | 1000x1500x1030          | 800            | 1000x2200x1280          | 970        |     |     |
| SGT-66PL                | 66        | 60,45 | 52,8      | 48,36  | TAL042H              | 1103A-33TG2    | 3L       | 3,3                | 105  | 127    | 13,9                       | 55            | 1000x1500x1030          | 860            | 1000x2200x1280          | 1000       |     |     |
| SGT-72PL                | 72,5      | 66    | 58        | 52,8   | TAL044A              | 1104A-44TG1    | 4L       | 4,4                | 105  | 127    | 14,8                       | 180           | 1100x1750x1552          | 940            | 1100x2400x1805          | 1320       |     |     |
| SGT-88PL                | 88        | 80    | 70,4      | 64     | TAL044B              | 1104A-44TG2    | 4L       | 4,4                | 105  | 127    | 18,7                       | 180           | 1100x1750x1552          | 960            | 1100x2400x1805          | 1375       |     |     |
| SGT-110PL               | 110       | 100   | 88        | 80     | TAL044D              | 1104C-44TAG2   | 4L       | 4,41               | 105  | 127    | 22,6                       | 180           | 1100x2000x1552          | 1135           | 1100x2850x1802          | 1500       |     |     |
| SGT-150PL               | 150       | 136   | 120       | 108,8  | TAL044H              | 1106A-70TG1    | 6L       | 7,01               | 105  | 135    | 30,3                       | 450           | 1200x2400x1703          | 1400           | 1200x3200x1953          | 1900       |     |     |
| SGT-165PL               | 165,7     | 151,3 | 132,56    | 121,04 | TAL044J              | 1106A-70TAG2   | 6L       | 7,01               | 105  | 135    | 33,4                       | 450           | 1200x2400x1703          | 1500           | 1200x3200x1953          | 2100       |     |     |
| SGT-200PL               | 200       | 180   | 160       | 144    | TAL044L              | 1106A-70TAG3   | 6L       | 7,01               | 105  | 135    | 41,6                       | 450           | 1200x2400x1703          | 1500           | 1200x3200x1953          | 2170       |     |     |
| SGT-220PL               | 220       | 200   | 176       | 160    | TAL044M              | 1106A-70TAG4   | 6L       | 7,01               | 105  | 135    | 45,8                       | 450           | 1200x2400x1703          | 1620           | 1200x3200x1953          | 2220       |     |     |
| SGT-250PL               | 248       | 224   | 198,4     | 179,2  | TAL046C              | 1206A-E70TTAG2 | 6L       | 7,01               | 105  | 135    | 51                         | 500           | 1300x2700x1898          | 1900           | 1300x4000x2150          | 2500       |     |     |
| SGT-275PL               | 272       | 248,5 | 217,6     | 198,8  | TAL046D              | 1206A-E70TTAG3 | 6L       | 7,01               | 105  | 135    | 56,9                       | 500           | 1300x2700x1898          | 2170           | 1300x4000x2150          | 2600       |     |     |
| SGT-300PL               | 303       | 275   | 242,4     | 220    | TAL046E              | 1506A-E88TAG4  | 6L       | 8,8                | 112  | 149    | 60,2                       | 696           | 1300x2700x1730          | 2400           | 1300x4000x2100          | 2680       |     |     |
| SGT-335PL               | 330       | 300   | 264       | 240    | TAL046F              | 1706A-E93TAG1  | 6L       | 9,29               | 115  | 149    | 62,8                       | 500           | 1300x2700x1898          | 2800           | 1300x4000x2148          | 3500       |     |     |
| SGT-385PL               | 389       | 353   | 311,2     | 282,4  | TAL046H              | 1706A-E93TAG2  | 6L       | 9,29               | 115  | 149    | 70,8                       | 500           | 1300x2700x1898          | 2860           | 1300x4000x2148          | 3550       |     |     |
| SGT-450PL               | 450       | 407   | 360       | 325,6  | TAL0473A             | 2206A-E13TAG3  | 6L       | 12,5               | 130  | 157    | 81                         | 680           | 1500x3300x2150          | 3500           | 1500x4600x2904          | 4270       |     |     |
| SGT-500PL               | 500       | 450   | 400       | 360    | TAL0473B             | 2506A-E15TAG1  | 6L       | 15,2               | 137  | 171    | 95                         | 680           | 1500x3300x2150          | 3624           | 1500x4600x2904          | 4324       |     |     |
| SGT-550PL               | 550       | 500   | 440       | 400    | TAL0473C             | 2506A-E15TAG2  | 6L       | 15,2               | 137  | 171    | 100                        | 680           | 1500x3300x2150          | 3694           | 1500x4600x2904          | 4394       |     |     |
| SGT-660PL               | 660       | 600   | 528       | 480    | TAL0473E             | 2806A-E18TAG1A | 6L       | 18,13              | 145  | 183    | 123                        | 1200          | 1900x3600x2253          | 4700           | 1900x5200x3110          | 6000       |     |     |
| SGT-725PL               | 722       | 660   | 577,6     | 528    | TAL0473F             | 2806A-E18TAG2  | 6L       | 18,13              | 145  | 183    | 132                        | 1200          | 1900x3600x2253          | 4750           | 1900x5200x3110          | 6050       |     |     |
| SGT-785PL               | 767       | 699   | 614       | 559,2  | TAL049B              | 2806A-E18TTAG4 | 6L       | 18,1               | 145  | 183    | 147                        | 1200          | 1900x3600x2253          | 5020           | 1900x5200x3110          | 7950       |     |     |
| SGT-825PL               | 805       | 730   | 644       | 584    | TAL049B              | 4006-23TAG2A   | 6L       | 22,921             | 160  | 190    | 163                        | External      | 2438x5800x2250          | 6200           | 2438x6060x3381          | 9500       |     |     |
| SGT-850PL               | 838       | 763   | 670,4     | 610,4  | TAL049C              | 2806A-E18TTAG5 | 6L       | 18,1               | 145  | 183    | 162                        | 1200          | 1900x3600x2253          | 5700           | 1900x5200x3110          | 6500       |     |     |
| SGT-900PL               | 890       | 798   | 712       | 638,4  | TAL049C              | 4006-23TAG3A   | 6L       | 22,921             | 160  | 190    | 175                        | External      | 2438x5800x2250          | 6500           | 2440x6060x3381          | 9500       |     |     |
| SGT-1000PL              | 1000      | 911   | 800       | 728,8  | TAL049E              | 4008TAG1A      | 8L       | 30,561             | 160  | 190    | 195                        | External      | 2438x5800x2250          | 8000           | 2440x6000x3050          | 11300      |     |     |
| SGT-1125PL              | 1121      | 1000  | 896,8     | 800    | TAL049E              | 4008TAG2A      | 8L       | 30,561             | 160  | 190    | 215                        | External      | 2438x5800x2250          | 8100           | 2440x6000x3050          | 11400      |     |     |
| SGT-1250PL              | 1252      | 1125  | 1002      | 900    | LSA50.2M6            | 4008-30TAG3A   | 8L       | 30,561             | 160  | 190    | 244                        | External      | 2438x5800x2365          | 10000          | 2440x9000x3400          | 11650      |     |     |
| SGT-1385PL              | 1375      | 1252  | 1100      | 1002   | LSA50.2M6            | 4012-46TWG2A   | 12V      | 45,842             | 160  | 190    | 259                        | External      | 2150x5680x2336          | 10200          | 2440x9000x3400          | 13500      |     |     |
| SGT-1500PL              | 1485      | 1350  | 1188      | 1080   | LSA50.2L7            | 4012-46TWG3A   | 12V      | 45,842             | 160  | 190    | 283                        | External      | 2150x5680x2336          | 10600          | 2440x9000x3400          | 14500      |     |     |
| SGT-1650PL              | 1650      | 1500  | 1320      | 1200   | LSA50.2L8            | 4012-46TAG2A   | 12V      | 45,842             | 160  | 190    | 301                        | External      | 2150x5680x2336          | 10750          | 2440x9000x3400          | 14650      |     |     |
| SGT-1900PL              | 1899      | 1730  | 1519      | 1384   | LSA52.3S5            | 4012-46TAG3A   | 12V      | 45,842             | 160  | 190    | 370                        | External      | 2600x6100x3600          | 12000          | 3200x12000x4450         | 17000      |     |     |
| SGT-2000PL              | 2018      | 1860  | 1614      | 1488   | LSA52.3S5            | 4016-61TRG1    | 16V      | 61,123             | 160  | 190    | 384                        | External      | 2600x6100x3600          | 12550          | 3200x12000x4450         | 18000      |     |     |
| SGT-2200PL              | 2200      | 2000  | 1760      | 1600   | LSA52.3S6            | 4016-61TRG2    | 16V      | 61,123             | 160  | 190    | 405                        | External      | 2600x6100x3600          | 12750          | 3200x12000x4450         | 18200      |     |     |
| SGT-2420PL              | 2420      | 2200  | 1936      | 1760   | LSA52.3S7            | 4016-61TRG3    | 16V      | 61,123             | 160  | 190    | 470                        | External      | 2600x6100x3600          | 13500          | 3200x12000x4450         | 18500      |     |     |
| SGT-2500PL              | 2500      | 2257  | 2000      | 1805   | LSA52.3L9            | 4016-61TRG3    | 16V      | 61,123             | 160  | 190    | 470                        | External      | 2600x6100x3600          | 14000          | 3200x12000x4450         | 19000      |     |     |

# PERKINS / WEG



- Perkins, 4-stroke, water-cooled, 1500 rpm diesel engine
- Single bearing alternator, IP 23 protection, H insulation class
- Standard 50 Hz., 400 / 230 V. AC. output voltage
- Anti-vibration wedges
- Group-mounted, flexible fuel hoses and lubricating oil drain valve
- Fuel tank on chassis
- Soundproof cabin option
- Open type residential muffler
- Engine jacket water heater
- Owner's manual

| Generator Specification |           |       |           |       |                  | Engine Specification |          |                    |      |        |                             |               |                         | Generator Sets |                         |            |     |
|-------------------------|-----------|-------|-----------|-------|------------------|----------------------|----------|--------------------|------|--------|-----------------------------|---------------|-------------------------|----------------|-------------------------|------------|-----|
| 50 Hz. - 400 / 230 V.   |           |       |           |       | Alternator Model | Model                | Cylinder |                    |      |        | Fuel                        |               | Dimensions and Weight   |                |                         |            |     |
| Model                   | kVA       |       | kW        |       |                  |                      | Type     | Total Displacement | Bore | Stroke | Fuel consumption @%100 load | Tank Capacity | Open Type               |                | Soundproof type         |            |     |
|                         | Cos Ø 0,8 |       | ISO 8528* |       |                  |                      |          |                    |      |        |                             |               | Width x Length x Height | Dry Weight     | Width x Length x Height | Dry Weight |     |
|                         | Stand By  | Prime | Stand By  | Prime |                  |                      |          |                    |      |        |                             |               |                         |                |                         |            | mm. |
| SGT-10PW                | 8,2       | 7     | 6,56      | 5,6   | 161AISR          | 403A-11G1            | 3L       | 1,131              | 77   | 81     | 2,6                         | 40            | 800x1250x1000           | 500            | 800x1800x1250           | 560        |     |
| SGT-15PW                | 12,2      | 11    | 9,76      | 8,8   | 161AIHS          | 403A-15G1            | 3L       | 1,496              | 84   | 90     | 3,67                        | 40            | 800x1250x1000           | 510            | 800x1800x1250           | 575        |     |
| SGT-22PW                | 21,25     | 19,3  | 17        | 15,44 | 161AIHJ          | 404A-22G1            | 4L       | 2,216              | 84   | 100    | 5,3                         | 55            | 1000x1500x1030          | 580            | 1000x2200x1280          | 650        |     |
| SGT-33PW                | 32,65     | 30    | 26,12     | 24    | 201AIHS          | 1103A-33G            | 3L       | 3,3                | 105  | 127    | 7,1                         | 55            | 1000x1500x1030          | 700            | 1000x2200x1280          | 875        |     |
| SGT-50PW                | 49        | 44,85 | 39,2      | 35,85 | 201AIHV          | 1103A-33TG1          | 3L       | 3,3                | 105  | 127    | 10,7                        | 55            | 1000x1500x1030          | 800            | 1000x2200x1280          | 970        |     |
| SGT-66PW                | 62        | 56,25 | 49,6      | 45    | 201AIHE          | 1103A-33TG2          | 3L       | 3,3                | 105  | 127    | 13,9                        | 55            | 1000x1500x1030          | 860            | 1000x2200x1280          | 1000       |     |
| SGT-72PW                | 67        | 61    | 53,6      | 48,8  | 201AIHE          | 1104A-44TG1          | 4L       | 4,4                | 105  | 127    | 14,8                        | 180           | 1100x1750x1555          | 940            | 1100x2400x1805          | 1320       |     |
| SGT-88PW                | 85,3      | 78    | 68,24     | 62,4  | 202AIVS          | 1104A-44TG2          | 4L       | 4,4                | 105  | 127    | 18,7                        | 180           | 1100x1750x1555          | 960            | 1100x2400x1805          | 1375       |     |
| SGT-110PW               | 108       | 100   | 86,4      | 80    | 202AIVJ          | 1104C-44TAG2         | 4L       | 4,41               | 105  | 127    | 22,6                        | 180           | 1100x2000x1552          | 1135           | 1100x2850x1802          | 1500       |     |
| SGT-150PW               | 143       | 130   | 114,4     | 104   | 251AIHD          | 1106A-70TG1          | 6L       | 7,01               | 105  | 135    | 30,3                        | 450           | 1200x2400x1703          | 1400           | 1200x3200x1953          | 1900       |     |
| SGT-165PW               | 158       | 145   | 126,4     | 116   | 251AIHE          | 1106A-70TAG2         | 6L       | 7,01               | 105  | 135    | 33,4                        | 450           | 1200x2400x1703          | 1500           | 1200x3200x1953          | 2100       |     |
| SGT-200PW               | 190       | 171,5 | 152       | 137,2 | 251AIHE          | 1106A-70TAG3         | 6L       | 7,01               | 105  | 135    | 41,6                        | 450           | 1200x2400x1703          | 1500           | 1200x3200x1953          | 2170       |     |
| SGT-220PW               | 220       | 200   | 176       | 160   | 250SI10AI        | 1106A-70TAG4         | 6L       | 7,01               | 105  | 135    | 45,8                        | 450           | 1200x2400x1703          | 1620           | 1200x3200x1953          | 2220       |     |
| SGT-250PW               | 250       | 225   | 200       | 180   | 250SI20AI        | 1206A-E70TTAG2       | 6L       | 7,01               | 105  | 135    | 51                          | 500           | 1300x2700x1898          | 1900           | 1300x4000x2150          | 2500       |     |
| SGT-275PW               | 274       | 250   | 219,2     | 200   | 250SI20AI        | 1206A-E70TTAG3       | 6L       | 7,01               | 105  | 135    | 56,9                        | 500           | 1300x2700x1898          | 2170           | 1300x4000x2150          | 2600       |     |
| SGT-300PW               | 300       | 275   | 240       | 220   | 250MI00AI        | 1506A-E88TAG4        | 6L       | 8,8                | 112  | 149    | 60,2                        | 696           | 1300x2700x1898          | 2400           | 1300x4000x2100          | 2680       |     |
| SGT-335PW               | 342       | 310   | 273,6     | 248   | 250MI10AI        | 1706A-E93TAG1        | 6L       | 9,29               | 115  | 149    | 62,8                        | 500           | 1300x2700x1898          | 2800           | 1300x4000x2148          | 3500       |     |
| SGT-385PW               | 370       | 353   | 296       | 282,4 | 250MI20AI        | 1706A-E93TAG2        | 6L       | 9,29               | 115  | 149    | 70,8                        | 500           | 1300x2700x1898          | 2860           | 1300x4000x2148          | 3550       |     |
| SGT-450PW               | 459       | 409   | 367,2     | 327,2 | 280MI20AI        | 2206A-E13TAG3        | 6L       | 12,5               | 130  | 157    | 81                          | 680           | 1500x3300x2150          | 3500           | 1500x4600x2904          | 4270       |     |
| SGT-500PW               | 509       | 465   | 407,2     | 372   | 280MI40AI        | 2506A-E15TAG1        | 6L       | 15,2               | 137  | 171    | 95                          | 680           | 1500x3300x2150          | 3624           | 1500x4600x2904          | 4324       |     |
| SGT-550PW               | 560       | 500   | 448       | 400   | 280MI40AI        | 2506A-E15TAG2        | 6L       | 15,2               | 137  | 171    | 100                         | 680           | 1500x3300x2150          | 3694           | 1500x4600x2904          | 4394       |     |
| SGT-660PW               | 670       | 600   | 536       | 480   | 315MI20AI        | 2806A-E18TAG1A       | 6L       | 18,13              | 145  | 183    | 123                         | 1200          | 1900x3600x2253          | 4700           | 1900x5200x3110          | 6000       |     |
| SGT-725PW               | 711       | 650   | 568,8     | 520   | 315MI20AI        | 2806A-E18TAG2        | 6L       | 18,13              | 145  | 183    | 132                         | 1200          | 1900x3600x2253          | 4750           | 1900x5200x3110          | 6050       |     |
| SGT-785PW               | 773       | 700   | 618,4     | 560   | 315MI30AI        | 2806A-E18TTAG4       | 6L       | 18,1               | 145  | 183    | 147                         | 1200          | 1900x3600x2253          | 5020           | 1900x5200x3110          | 7950       |     |
| SGT-825PW               | 818       | 745   | 654,4     | 596   | 315MI30AI        | 4006-23TAG2A         | 6L       | 22,921             | 160  | 190    | 163                         | External      | 2438x5800x2250          | 6200           | 2438x6060x3381          | 9500       |     |
| SGT-850PW               | 842       | 750   | 673,6     | 600   | 315MI30AI        | 2806A-E18TTAG5       | 6L       | 18,1               | 145  | 183    | 162                         | 1200          | 1900x3600x2253          | 5700           | 1900x5200x3110          | 6500       |     |
| SGT-900PW               | 895       | 800   | 716       | 640   | 315MI40AI        | 4006-23TAG3A         | 6L       | 22,921             | 160  | 190    | 175                         | External      | 2438x5800x2250          | 6500           | 2440x6060x3381          | 9500       |     |
| SGT-1000PW              | 989       | 896   | 791,2     | 716,8 | 352EI2S          | 4008TAG1A            | 8L       | 30,561             | 160  | 190    | 195                         | External      | 2438x5800x2250          | 8000           | 2440x6000x3050          | 11300      |     |
| SGT-1125PW              | 1068      | 1002  | 854,4     | 801,6 | 352EIYS          | 4008TAG2A            | 8L       | 30,561             | 160  | 190    | 215                         | External      | 2438x5800x2250          | 8100           | 2440x6000x3050          | 11400      |     |
| SGT-1250PW              | 1200      | 1100  | 960       | 880   | 355MI70AI        | 4008-30TAG3A         | 8L       | 30,561             | 160  | 190    | 244                         | External      | 2438x5800x2336          | 10000          | 2440x9000x3400          | 11650      |     |
| SGT-1385PW              | 1370      | 1241  | 1096      | 992,8 | 355MI80AI        | 4012-46TWG2A         | 12V      | 45,842             | 160  | 190    | 259                         | External      | 2150x5680x2336          | 10200          | 2440x9000x3400          | 13500      |     |
| SGT-1500PW              | 1450      | 1300  | 1160      | 1040  | 355MI80AI        | 4012-46TWG3A         | 12V      | 45,842             | 160  | 190    | 283                         | External      | 2150x5680x2336          | 10600          | 2440x9000x3400          | 14500      |     |
| SGT-1650PW              | 1637      | 1490  | 1309,6    | 1192  | 355MI90EI        | 4012-46TAG2A         | 12V      | 45,842             | 160  | 190    | 301                         | External      | 2150x5680x2336          | 10750          | 2440x9000x3400          | 14650      |     |
| SGT-1900PW              | 1890      | 1720  | 1512      | 1376  | 400MI90HI        | 4012-46TAG3A         | 12V      | 45,842             | 160  | 190    | 370                         | External      | 2600x6100x3600          | 12000          | 3200x12000x4450         | 17000      |     |

Founded in 1961,  
WEG is one  
of the largest  
manufacturers  
of electric  
motors and  
alternators in  
the world.



## Safe and High Performance for Your Application

### VERTICAL INTEGRATION

WEG is a vertically integrated company that manufactures its own varnish, electrical wire, enamel coating, casting, wood crate and other materials for use in its products manufactured across multiple product lines. This vertical structure helps WEG provide great flexibility to its customers, shorten lead times and achieve high quality standards at every stage of its production.



Power  
generation



Innovative  
products



High Quality  
professional  
tools

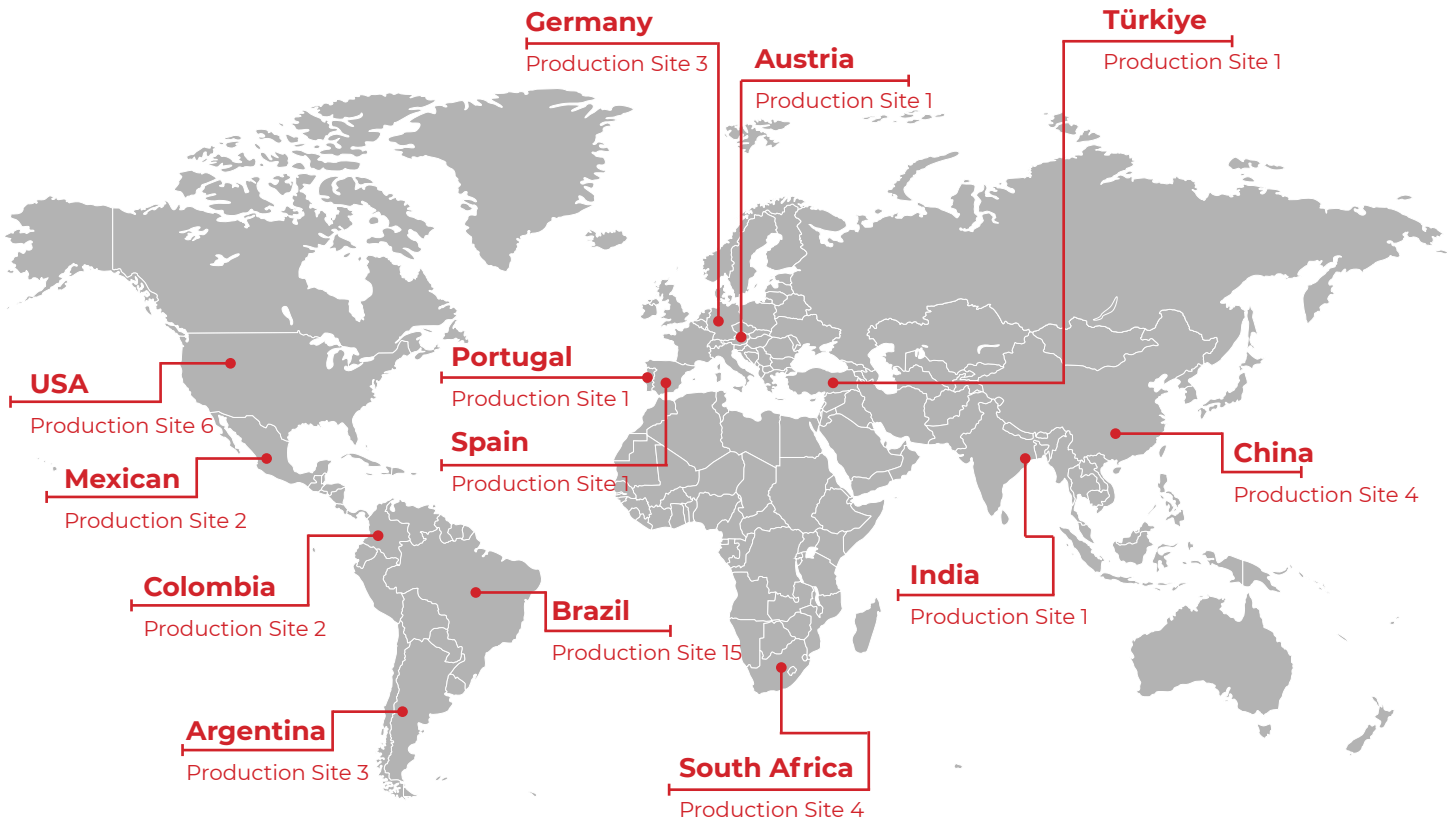


Common  
solution



Experienced  
dealer network

# Worldwide WEG



## TECHNICAL SPECIFICATIONS

**Output Power** up to 2455 kVA

*(Greater powers on request)*

**Housings** 160-400 (IEC)

**Low Voltage** 110-690V

**High Voltage** 2300-13800V

**Frequency** 50-60 HZ

**Protection Class** IP23 (standard),

IP44-IP55W (on request)

**Insulation Class** 1800C (H)

in low voltage products and

1550C (F) high voltage products

**Winding Pitch** 2/3 (for 160-315 body)

**Number of Poles** 4-pole (standard),

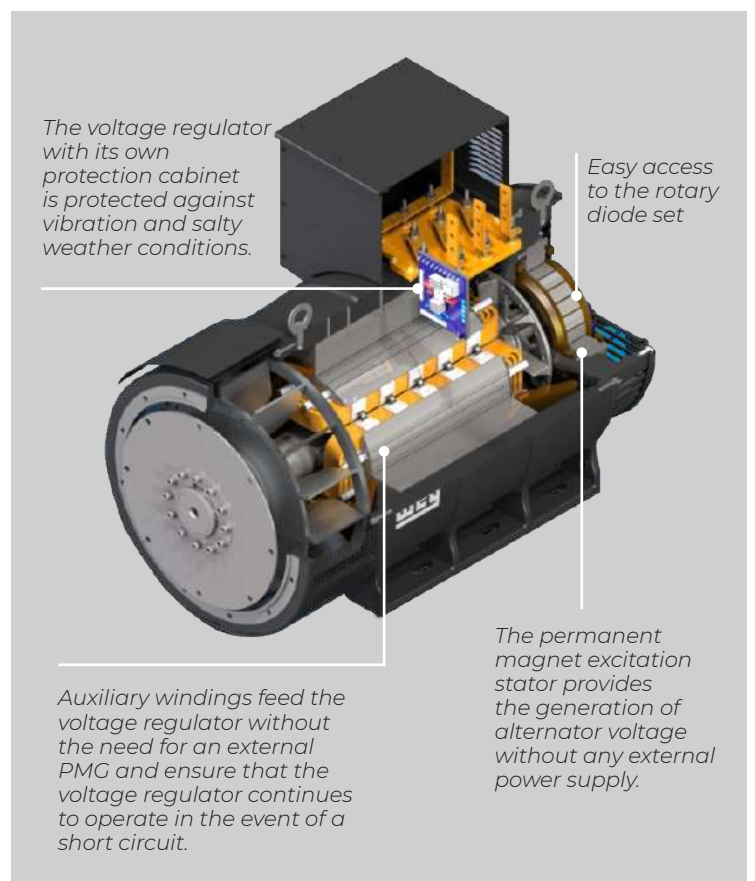
6 and 8 poles (on request)

**Terminal Leads** 12 or 6 leads

### Notes

1. 12-ended 3-phase alternators can operate at 190/208/220/240/380/440/480 V at 60 Hz and at 120/190/208/380/400 V at 50 Hz.

2. By changing the terminals of 3-phase alternators, it can be used as a single-phase alternator providing voltage between 110 and 480 V.



# | Service, Parts And Training

## Customer Support and Commisioning

The Starkgen service team is committed to provide the best technical support for global customers. Thanks to our global service points that our customers have local supports to overcome any technical issues, whether it is about troubleshooting, installations, commisioning or maintenance.

## Spare part

In order for the generator set to provide trouble-free service, original spare parts recommended by the “**Technical Service Team**” should be used for maintenance and repairs. Starkgen offers full range of spare parts and ship them as fast as possible.

## Training

Starkgen provide first hand and quality traning on how to operate, use, maintain, commision, install and troubleshoot its product at Starkgen training center or on site.

## Guarantee

STARKGEN guaranteed that its generator set with its supplement and accessories will be free from manufacturing and assembly defect for 1 year or 2000 hours. “**Warranty Certificate**” is delivered with each generator. Product information and serial numbers are available on the generator identification label on your generator set.

## Generator Features



Ultra quiet



Optimized design for truck and container loads



Rapid progress in projects with special generator design



High quality



Resistant to damage during transportation



Customer priority aftersales



Affordable cost



Operates easily in difficult weather conditions

# **Powerful Solutions** for Different Sectors



Data Center Solutions



Exproof Solutions



Power Plant Solutions



Military and Defense  
Industry Solutions



Sewage and Water  
Treatment Solutions



Agricultural Solutions



Finance and Retail Solutions



Mining Solutions



Telecom Solutions



Organization & Custom Solutions



Hospital solutions



Oil and Gas Solutions



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