

# POWER MASTER

GENERATORS & POWER EQUIPMENT

## GENERATOR SPECIFICATIONS



Power Master – EPS20YL-1 (Single Phase)

**GENERATOR SALES & HIRE**  
**PORTABLE POWER STATIONS**  
**BATTERIES - PRESSURE WASHERS**  
**COMPRESSORS - WATER PUMPS**

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## DESCRIPTION

The **EP20YL-1** Silent Diesel Generator is a reliable and robust power solution, designed to meet diverse requirements across various industries. Offering optimal performance, durability, and efficiency, this generator is built with high-quality components, including a **Yanmar** engine, ensuring reliable power output for both prime and standby applications. The weather-resistant, sound-reducing canopy makes it ideal for outdoor and demanding Australian environments to protect and prolong the life of your generator, finished using a galvanized powder coated paint finish. Below are the key specifications, applications, and optional features of the **EPS20YL-1** model. This versatile and reliable generator is designed to provide consistent power while being easy to maintain and transport. For any questions or to confirm up-to-date specifications, please contact us directly or check our website for updates.

## APPLICATION

- Mining sites
- Emergency solutions
- Commercial & Industrial
- Utilities & Public Services
- Construction sites
- Outdoor events
- Military bases
- Agricultural applications

## OPTIONS

Stainless steel canopy, water jacket heater, fuel heater, anti-condensation heater, permanent excitation, automatic fuelling system, ATS, extended run time fuel tank.

## CANOPY

**Canopy:** Weather resistant silenced canopy designed for harsh Australian outdoor, bunded fuel tank with forklift pockets.

**Panel:** Lockable doors, stainless steel fittings with control panel viewing window.

**Finish:** Powder coated finish, sound reducing canopy external with stainless steel fittings & hinges.

#### SPECIFICATIONS

| GENERAL                         |                          | UNIT                |                              |
|---------------------------------|--------------------------|---------------------|------------------------------|
| Model:                          | EPS20YL-1                | Generator Type:     | Silent Type                  |
| Prime Power:                    | 20KVA                    | Dimensions (LxWxH): | 197 x 90 x 139cm             |
| Standby Power:                  | 22KVA                    | Dry Weight:         | 790kgs                       |
| Rated Voltage:                  | 240V,                    |                     |                              |
| Frequency:                      | 50HZ                     |                     |                              |
| Speed:                          | 1500RPM                  |                     |                              |
| Noise Level:                    | 67dB@7m                  |                     |                              |
| Fuel Tank Capacity:             | 200L                     |                     |                              |
| Phase                           | 1-Phase                  |                     |                              |
| Battery Isolator:               | Standard                 |                     |                              |
| ENGINE                          |                          | CONTROLS            |                              |
| Model:                          | 4TNV84T                  | Model:              | DSE4520                      |
| Brand:                          | Yanmar                   | Brand:              | Deepeer                      |
| Engine Type:                    | 4 Stroke Cylinder Diesel | Display:            | LCD and LED alarm indication |
| Induction:                      | Turbo charged            |                     |                              |
| Coolant Capacity:               | 5.5L                     | Outlets (IP66):     | 1x32A (1P) + 3x15A (1P)      |
| Oil Capacity:                   | 7.4L                     | Battery Charger:    | 12V DC                       |
| Governor                        | Mechanical               | Circuit Breaker:    | 2 Pole                       |
|                                 |                          | ALTERNATOR          |                              |
|                                 |                          | Model:              | TAL A42 A-S                  |
|                                 |                          | Brand:              | Leroy-Somer                  |
|                                 |                          | KW Base Rate (BR):  | 20KVA                        |
|                                 |                          | Exciting Type:      | Brushless                    |
|                                 |                          | Insulation Class:   | Class H                      |
|                                 |                          | Protection Class:   | IP23                         |
| <b>*Optional Upgrades*</b>      |                          |                     |                              |
| Fire extinguisher               |                          |                     |                              |
| Battery & starter Isolator      |                          |                     |                              |
| Solar battery charger           |                          |                     |                              |
| 3 -way fuel valve               |                          |                     |                              |
| Cell phone monitoring           |                          |                     |                              |
| Rental/Mine Spec                |                          |                     |                              |
| Automatic Transfer Switch (ATS) |                          |                     |                              |
| Special Builds Welcome!         |                          |                     |                              |

*Every effort has been made to ensure the accuracy of the details outlined in this document. However, the specifications are provided by our suppliers and may be subject to change without prior notice. We regularly update our website with any changes as soon as they are advised. Please contact us to confirm that the information provided is current.*