POWERTEC
PORTABLE POWER SOLUTIONS

DIESEL GENERATOR
PT8600D

2 WIRE AUTO START
for off grid solar backup

6300W
/ 7.9kVA Diesel

Diesel Power

1 YEAR WARRANTY

Powertec 6300W/7.9kVA Diesel Generator with 2 Wire Auto Start

Keep your solar batteries charged without lifting a finger. The Powertec PT8600D is an enclosed diesel generator made for home solar backup. Its 2 wire auto start/stop module lets your off grid inverter/charger start the generator when your battery bank runs low. It runs until the batteries reach a preset voltage, then shuts off until it is needed again. A 12HP, 498cc diesel engine gives you 6.3kW maximum and 5.5kW rated output, with 15A and 32A outlets. The 30L fuel tank means fewer refuels, and the enclosed canopy keeps noise down to 72dBA at 7m.



- ✓ **2 wire auto start/stop module**
  Your off grid inverter/charger starts the generator when your battery bank runs low and stops it at a preset voltage, so you never have to start it by hand
- ✓ **6.3kW maximum / 5.5kW rated output (7.9kVA)**
  Recharge your battery bank and power your home from 5.5kW of continuous output
- ✓ **Enclosed canopy, 72dBA at 7m**
  Quieter running for you and your neighbours when the generator starts up on its own, day or night.
- ✓ **12HP, 498cc diesel engine**
  Run on diesel, which is safer to store than petrol and easy to get hold of in rural areas.
- ✓ **30L fuel tank**
  Fewer trips to refuel during long outages or extended cloudy spells

Technical Specifications

Engine:	Diesel 12HP
Displacement:	498cc
Max Power:	6.3kW (7.9kVA)
Rated Power:	5.5kW
Current Output:	27.4A
Outlets:	2x 230V 50Hz (15A & 32A)
Auto Start:	2 wire auto start/stop
Starting:	Electric

Technical Specifications

Battery:	12V 30Ah
Display:	LED3 / LED6
Fuel Tank Capacity:	30L
Oil Capacity:	1.75L
Noise:	72dBA @ 7m
Size (L x W x H):	920 x 520 x 865 mm
Weight (dry):	164kg

Key Optional Accessories

1


2


1. **GTATS125** - Dual function ATS Switch
2. **B200FS** - Fuel set 200ml

For more information, visit the website.

PT8600D
User guide, specs, videos
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