

GEN-180DY
MPM 5/180 I-D/AE-Y Portable



Diesel Engine

Electric Starter

Air Cooling

Manual Recoil

Ready for RC

Sockets

Arc Control

Engine Shut Down (Oil)

Asynchronous Alternator

Welding Current Electric Regulation

FEATURES

- Warning lights for:
 - Battery charger failure
 - Low oil pressure
- 12V battery
- Earth Leakage Circuit Breaker
- Power output protection
- 1 x 16A 110V single-phase EEC socket
- 1 x 16A 230V single-phase EEC socket
- 48V output
- Voltmeter

SPECIFICATIONS

Noise level	99 LWA (74dB at 7m)
DC welding	Duty Cycle @ 35%: 170A – 27V
	Duty Cycle @ 40%: 180A – 20V
	Duty Cycle @ 60%: 140A – 26V
	Output range: 40A – 170A
	Open Circuit Voltage: 90V
	Max welding rod: 4mm
AC generator – 50Hz	Type: Asynchronous, Self-Excited and Self-Protected
	Three-phase power (stand by): 5 kVA – 400 V
	Three-phase power (prime): 4.5 kVA – 400 V
	Single-phase power: 4.0 kVA – 230 V
	Single-phase power: 2.0 kVA – 110 V
	Power factor: cos φ 0.8
Diesel Engine – 3000 rpm	Type: Yanmar L100N – Stage V – 1 cylinder – 435 cm ³
	Cooling system: Air
	Starting system: Electric (12Vdc)
	Fuel tank capacity: 30 litres
	Fuel consumption @ 75%: 1.5 l/h
Insulation Class	H
Ambient temperature	40°C
Altitude	1000m
Mechanical Protection	IP23
Dimensions (L x W x H)	920 x 460 x 570mm
Dry weight	148 kg
OPTIONAL ACCESSORIES – See page 14	
GEN-003	Wheelbarrow Type Trolley