



Model		MG12K-40
Transfer Switch	A	60
Max AC Input	A	60
Inverter		
Output Frequency and Voltage		50/60Hz:L/N/PE220/230V
Rated AC Output and UPS Power	W	12000
Max AC Output Active Power	W	13200
Peak Power 10s	W	24000, 10 S
Max AC Output Current (A) Maximum	A	57.4
Max Efficiency		97.60%
Charging		
Max Charging Current	A	250
Max Discharging Current	A	250
Solar		
Max PV Input Power	W	15600
Max Open Circuit Voltage	V	500V
MPPT Efficiency		>99%
MPPTs Range	V	150~430
Batteries		
Rated Voltage	V	51.2
Rated Capacity (Single)	Wh	5120 (Wh) multiplied by number of modules
Usable Capacity (Single)	Wh	4966 (Wh) multiplied by number of modules
Max No. Modules		8
Max Capacity	KWH	40.96
Working Temperature		Charging Temperature 0~65 °C /Discharging Temperature -20~65°C
Design Life		10+ Years
Cycle Life		>6000 Cycles
Authentication Level		IEC62619/CE/UN38.3,IEC/EN 61000-6-1,IEC/EN 61000-6-2,IEC/EN61000-6-3,IEC/EN 61000-6-4
Warranty		10 Years to 80% retention

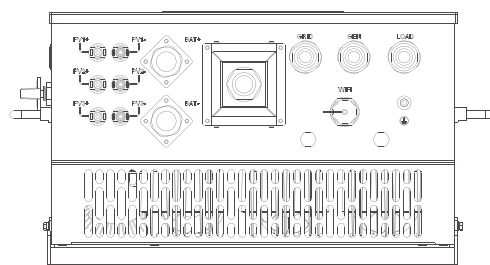
Monitoring		
WiFi		Yes
Ethernet		NO
Enclosure		
Colour		Grey/White
Protection Category		IP54




Product Advantage

1. Offline Remote APP Monitoring: The product features offline remote monitoring via an APP, with automatic email notifications sent in the event of any alarm or fault occurrence.
2. External Load Connection & IP65 Inverter Protection: The inverter supports external load connections and is rated IP65 for waterproofing, making it suitable for a wide range of outdoor applications.
3. Australia Professional Certification: The inverter is professionally certified for the Australian market, ensuring compliance with local energy consumption standards and regulations.

SOCKETS OPTIONS		MG12K-40
IN	2P63A	2 Mains/Grid/Diesel Generator
	PV	3
OUT	2P63A	1

Every socket include circuit breaker. Power Output protected by Earth Leakage Relay.



DIMENSIONS AND WEIGHT		MG12K-40
Dimensions (L x W x H)	mm	1153*905*1570
Weight	kg	547
Container Loading Size		
		12 units
		24 units

