

POWERBANK 10



Power Beyond Limits

Engineered in Australia

SPECIFICATIONS

POWERBANK 10

10.1 kWh MODULAR BATTERY

SYSTEM SPECIFICATION	POWERBANK
Nominal Output Power	5000 W
Capacity Range	10.1 ~ 60.5 kWh (95% DoD)
Battery Chemistry	LFP (LiFePO4)
Warranty	10 Year Full Replacement Warranty

INVERTER TECHNICAL SPECIFICATION	
Model	REA-INV-5
Coupling	AC
Max. Charging/Discharging Current	60 A
Max. Charging/Discharging Power	5000 W
Rated Frequency	50 / 60 Hz
Rated Voltage	220 V / 230 V
Phase	Single Phase
Rated Output Current (Grid Port)	21.7 A
Rated Output Current (Backup Port)	21.7 A
Max. AC Input Power (On-Grid)*	10000 W
Backup	UPS
Communication	Ethernet / WiFi / Modbus / API
Relative Humidity	0 ~ 90% (No Condensation)
Dimensions (W x D x H)	610 x 212 x 366 mm
Weight	19.5 kg
Safety	IEC 62109, IEC 62040
IP Protection	IP65
EMC	EN 61000-6-1/-2/-3/-4
Grid Regulations	VDE 4105, VDE 0126-01-01, EN 50549-1, CEI 0-21, RD 1699, G98/G99, AS 4777.2, NRS 097

BATTERY TECHNICAL SPECIFICATION	
Model	REA-BANK-10.1
Nominal Capacity	10.1 kWh
Usable Capacity	9.6 kWh
Depth of Discharge (DoD)	95%**
Nominal Voltage	96 V
Max. Charging/Discharging Current	60 A
Rated Charging/Discharging Rate	0.5 C
Operating Temperature Range	-10°C ~ 50°C***
Cycle Life	10,000****
Battery Modules Connection	1 ~ 6 in Parallel
IP Protection	IP65
Dimensions (W x D x H)	610 x 212.5 x 793 mm
Weight	90 kg

* Under specific application

** Test condition: Max. 0.5C charge/discharge at 25±2°C.

*** Max. charge/discharge current derating may occur with changes in temperature and SoC.

**** Under specific test conditions.



Specifications included in this datasheet are subject to change without notice.

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