

POWERBANK 10



Power Beyond Limits

Engineered in Australia

SPECIFICATIONS

POWERBANK 10

10.1 kWh MODULAR BATTERY

SYSTEM SPECIFICATION		POWERBANK HYBRID
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-H5
Coupling		Hybrid
Max. PV Input Power		10000 W
Max. PV Input Current		15 A / 15 A
Max. PV Input Voltage		580 V
MPPT Number / Max. Input Strings Number per MPPT		2/1
MPPT Voltage Range		100 ~ 550 V
Max. PV Short-Circuit Current		24 A
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.

©2024 REA Power. All Rights Reserved.

Contact

Unit 6, 19 Lennox Street, Redland Bay, QLD 4165, Australia

PH: 1300 360 047

E: engineering@reapower.com.au

W: www.reapower.com.au

