

ALL IN ONE

Powerporter 10.0kWh
Energy Storage System
+ Built-in Inverter



Datasheets

Model	All-in-One 10kWh	
Battery Data	Nominal Energy	10.34kWh
	Rated Capacity	202Ah
	Nominal Current	100A
	Nominal Voltage	51.2V
	Operating Temperature	0°C ~ 55°C (Charge) -20°C ~ 60°C (Discharge)
General Data	Installation	Wall or Floor Mount
	Dimension (H×W×D)	1300×460×230
	Weight	158kg
	Protection Class	IP31
	Scalability	Up to 4 Units
	DOD	90%
	Communication	CAN2.0/RS485
Warranty	5 Years Product Warranty, 10 Years Battery Warranty	
Guaranteed Cycles	>6000	

Certification and Standards



UN38.3 **RoHS**

HYBRID 5KW INVERTER DATA

Input (Bat)	Compatible Battery Type	Lithium-ion/Lead-Acid
	Normal Battery Voltage	51.2V
	Battery Voltage Range	40V - 58V
	Max.Charge/Discharge Current	95A / 104.2A
Output (Grid)	Rated AC Output Power	5000W
	Max.AC Output Power	5000W
	AC Output Voltage (V)	230V/176 ~ 270V
	AC Output Current (A)	21.7A
	Frequency (Hz)	50Hz/60Hz
	Grid Connection	Single Phase
General	Power Factor	0.8LD-0.8LG
	Dimension	550 × 515 × 200mm
	Weight	25kg
	Ingress Protection Degree	IP65
	Operating Temperature	-25°C ~ 60°C

Certification and Standards

Safety: IEC/EN62109-1/-2, IEC/EN62477-1,
EMC: IEC/EN 61000-6-1, IEC/EN 61000-6-3
Grid: South Africa NRS097-2-1:2017, UK G98,G99



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