



Product Catalogue

PowerVault



Renewaa PowerVault

- Designed for large-scale energy storage and high-demand applications
- Optimized for seamless integration with solar, hybrid, and backup power systems
- Ideal for commercial, industrial, and community energy solutions

Features

- High Power Output for supporting heavy loads and extended backup times
- Advanced Battery Management System (BMS) ensuring optimal performance and safety
- Durable Construction built to handle continuous operation and harsh environments
- Smart Monitoring Interface for real-time tracking of performance, health, and energy flow

SPECIFICATIONS

	PV48280	PV48300	PV48314
Model	14.3kWh	15.3kWh	16kWh
Capacity	280Ah	300Ah	314Ah
Battery Type	LFP		
Nominal Voltage	51.2V		
Operating Voltage	48V - 57.6V		
Charge/Discharge Current	100A		
Charge/Discharge Power	5120W		
Max. Charge/Discharge Current	150A		
Max. Charge/Discharge Power	7680W		
Depth of Discharge (DOD)	>95%		
Scalability	Upto 6 units in parallel		
Communication	RS485 / CAN		
Protection Level	n/a		
Cycle Life (80% DOD)	10,000		
Charging Temperature	0-55°C		
Discharging Temperature	(minus) 20 - 60°C		
Display	LED Display		
Installation	Freestanding		
Protection	Built in Smart BMS		
Warranty	10 Years		
Net Weight	86.6kg	92.3kg	96.4kg
Product dimensions(W*L*H)	240*463*622		



CONTACT US

 L2-14, Reality Plaza, Ja elia

 0743020154

 info@renewaa.com

 www.renewaa.com