

PNG-ER51XXX-LV

Standard Rack-mounted Li-Ion Battery Pack



Product features:

- High safety and performance , long cycle life and long warranty;
- High Scalability -support 1-10 battery packs connections to expand capacity ;
- Built-in intelligent BMS management and multiple protections;
- With power indicator function / LCD display function;
- Low power consumption, with data history anomaly record query;

Product model	PNG-ER51300-LV	PNG-ER51400-LV	PNG-ER51500-LV	PNG-ER51600-LV	PNG-ER51700-LV	PNG-ER51800-LV
Cell type	EVE-LFP prismatic battery cell-3.2V100Ah					
Nominal Voltage	51.2V (Single)					
Nominal capacity	300Ah	400Ah	500Ah	600Ah	700Ah	800Ah
Nominal energy	15.36KWH	20.48KWH	25.6KWH	30.72KWH	35.84KWH	40.96KWH
Voltage range	40~58.4V					
System parameters						
Weight (battery/control box/)	126kg	168kg	210kg	252kg	294kg	336kg
Size (L*W*H)	482*464*396 mm	482*464*528 mm	482*464*660 mm	482*464*792 mm	482*464*942 mm	482*464*1056 mm
Protection class	IP54 (indoor)					
Cooling mode	Free cooling					
Depty of discharge (DOD)	≥90%					
Ambient temp.	Charge: 0°C~55°C/ Discharge: -20°C~60°C/ Storage:-10°C~45°C					
Installation	Stackable					
Cycle life	≥6000times					
Warranty	5+5years					
Communication	CAN, RS485					
Certificates	UN38.3 \MSDS\CE					