

PNG-ERXXX100-HV

XXX=51/102/153/204/256/307/358/ 409

Standard Rack-mounted Li-ion Battery Packs



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-ER153100-HV	PNG-ER204100-HV	PNG-ER256100-HV	PNG-ER307100-HV	PNG-ER358100-HV	PNG-ER409100-HV
Cell type	EVE-LFP prismatic battery cell-3.2V100Ah					
Nominal voltage	51.2V (Single)					
Nominal capacity	100Ah	100Ah	100Ah	100Ah	100Ah	100Ah
Nominal energy	15.36KWH	20.48KWH	25.6KWH	30.72KWH	35.84KWH	40.96KWH
Voltage range	153.6V	204.8V	256V	307.2V	358.4V	409.6V
Max. charge voltage	175.2V	233.6V	292V	350.4V	408.8V	467.2V
Min. discharge voltage	120V	160V	200V	240V	280V	320V
System parameters						
Weight (battery/control box/)	126kg	168kg	210kg	252kg	294kg	336kg
Size (L*W*H/mm)	675*375*480 mm	675*375*640 mm	675*375*800 mm	675*375*960 mm	675*375*1120 mm	675*375*1280 mm
Protection class	IP54 (indoor)					
Depty of discharge (DOD)	≥90%					
Cooling mode	Free cooling					
Ambient temp.	Charge:0°C~55°C/Discharge:-20°C~60°C/Storage:-10°C~45°C/					
Installation	Stackable					
Communication	CAN, RS485					
Cycle life	≥6000times					
Warranty	5+5years					
Certificates	UN38.3 \MSDS\CE					