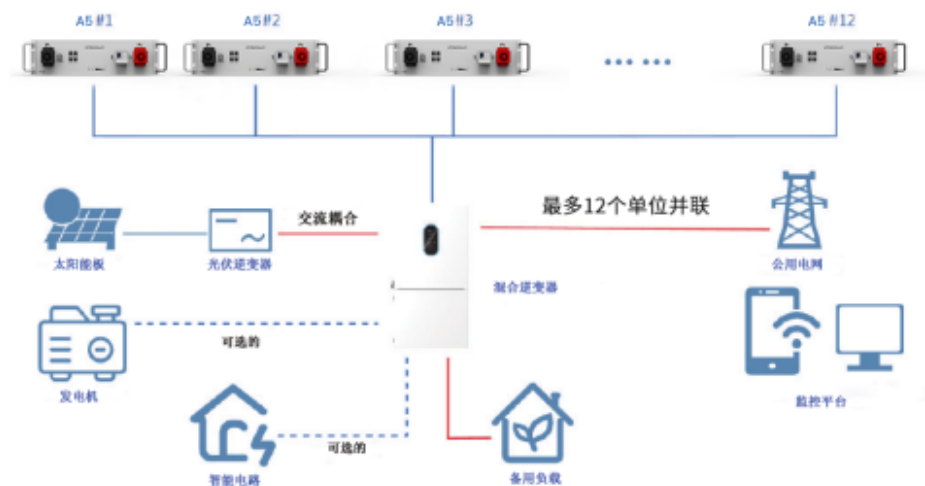




Product Name

PREPL W30-E5

Electrical Characteristics

Nominal Voltage	51.2V
Nominal Capacity	100Ah
Energy	5,120Wh
Battery Chemistry	Lithium Iron Phosphate (LFP)
Impedance	$\leq 0.30\text{m}\Omega$
Cycle Life	6,000 cycles @77°F(25°C), 0.5C/0.5C
Operating Voltage	44.8~56.16V
Communication Interfaces	CAN/RS485/RS232
Scalable	Up to 12 units

Charge&Discharge

Nominal Discharging Rate	0.5C
Max. Discharging Rate	1C
Nominal Charging Rate	0.5C

Environmental

Environment	Indoor (Type 1)
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Storage Temperature	14°F to 113°F (-10°C to 45°C)
Altitude	Maximum 9,843 ft (3,000 m)
Cooling Method	Natural Convection
Ingress Rating	IP20

Mechanical

Dimension (L x W x D)	17.7×17.4×5.2in (450*444*133mm)
Weight	96.5lbs (43.8kg)
Installation	Rack mount

*The actual product may have slight differences from some promotional videos or pictures. Please refer to the actual product. Unless otherwise specified the data on this page are all from our company's laboratory. The data may have errors due to changes in the objective environment.

*The specifications are subject to change without prior notice.