

Product Parameter

Cell	
Item	Specification
Cell Model	LF280K
Nominal Capacity	280Ah
Dimension(D×W×H)	72×174×207mm
Weight	5420g±300g
Energy Density	165Wh/kg
Rated Voltage	3.2V
Voltage Range	2.5V ~3.65V
Operating Temperature	Charge: 0~60°C Discharge: -30~60°C

Battery Module		Energy Storage System	
Item	Specification	Item	Specification
Pack Model	BP-48-153.6-280-L	System Model	ESS-3440-2H-L
Dimension(D×W×H)	1067×858×240mm	Dimension(D×W×H)	2438×6058×2896mm
Weight	300±8kg	Weight	~35t
Configuration	1P48S	Configuration	1P384S×10
Rated Energy	43kWh	Rated Energy	3440kWh
Voltage Range	134.4V~172.8V	Voltage Range	1075.2V~1382.4V
Rated Voltage	153.6V	BMS Communication	RS485/LAN/CAN
Standard Charging and Discharging Rate	0.5P	Anti-corrosion Grade	C4H
Thermal Management	Liquid Cooling and Heating	Standard Charging and Discharging Rate	0.5P
Charging Operating Temperature	0°C~55°C	Thermal Management	Liquid Cooling and Heating
Discharging Operating Temperature	-20°C~55°C	Operating Temperature	-40°C~55°C
Level of Protection	IP67	Relative Humidity	< 75% RH (no condensation)
Certification	GB/T 36276, UN38.3, UL9540	Level of Protection	IP55
		Fire Suppression System	Water Firefighting (with gas fire suppression as option)

Note: The above data are from EVE Laboratory.

