



UN38.3    MSDS    CB-IEC62619

## Compatible Cell Information

Model	Brand	Cell Dimension	Electrode Distance
MASON-280A	GF 280AH	72*174*204 MM	123MM
	LISHEN 280AH		
	EVE 280K		
MASON-280B	EVE 280AH	72*174*200 MM	
MASON-280C	EVE 304AH	72*174*204 MM	89MM

# Product Description

<b>Model</b>	51.2V/100Ah	25.6V/200Ah	25.6V/280Ah
<b>Battery Chemistry</b>	LEP		
<b>Rated voltage</b>	51.2V		
<b>Rated current</b>	100A	200A	280A
<b>Capacity</b>	5.12kWh	10.24kWh	14.336kWh
<b>Operating voltage range</b>	44.8 ~57.6V		
<b>Charging termination voltage</b>	57.6V		
<b>Discharge termination voltage</b>	43.2V		
<b>Charging termination current</b>	50A/3KW	120A/7KW	140A/8KW
<b>Discharge termination current</b>	100A/5KW	150A/7.5KW	200A/10KW
<b>Parallel count</b>	15P		
<b>Communication protocol</b>	RS485 /RS232/CAN		
<b>IP</b>	IP20		
<b>Cycle</b>	6000		
<b>Service</b>	10 years		
<b>Charging temperature</b>	0°C~55°C		
<b>Discharge temperature</b>	-20°C~60°C		
<b>Storage temperature</b>	0°C~35°C		
<b>Size</b>	525*170*450	560*180*740	228pcs/40HQ
<b>Weight</b>	48kg	96kg	120kg
<b>BOX Size</b>	594*553*255	970*695*280	970*678*350
<b>BOX Weight</b>	55kg	115kg	131kg
<b>Packing Quantity</b>	480pcs/40HQ	228pcs/40HQ	195pcs/40HQ
<b>Certification</b>	UN38.3, MSDS, CB-IEC62619		