

SE-48280

51.2V280Ah LiFePO4 Battery



ELECTRICAL SPECIFICATIONS

Model	SE-48280
Nominal Voltage	51.2V
Nominal Capacity	280Ah
Energy	14336 Wh
Self-discharge Rate	<3%/month
Series and Parallel Connection	16S1P

CHARGE SPECIFICATIONS

Recommended Charge Current	70A-140A
Maximum Charge Current	200A
Charge Current(25°C)	0.5-1C
Recommended Charge Voltage	54V - 60V
BMS Charge Voltage Cut-off	57.6V(3.75±0.025vpc)
Reconnect Voltage	54.6V(3.34±0.05vpc)

DISCHARGE SPECIFICATIONS

Recommended Discharge Current	200A
Discharge Over-current Protection	210A
Discharge Current(25°C)	200A-210A
Discharge Overflow Warning	205A
Discharge Output Resistance	<2 mΩ
Discharge Over-current Recovery	203A

TEMPERATURE SPECIFICATIONS

Discharge Temperature Protection	-15°C,55°C
Discharge Temperature Recovery	0°C,50°C
Overpower Protection	100°C
Overpower Recovery	85°C
Operating Temperature Range	-20 ~ 70°C
Storage Temperature	-40 ~ 85°C

MECHANICAL SPECIFICATIONS

Dimension(L*W*H)	410*698*250mm
Weight	135Kg
Communication Interface	RS485/CANBUS
Case Material	Metal
Enclosure Protection	IP55
Cell Type	LiFePO4 Grade A Cell

COMPLIANCE SPECIFICATIONS

Certifications	CE,MSDS/UL/TUV(Cell)
Shipping Classification	UN3480, Class 9

APPLICATIONS

Home solar energy storage,backup power supply,EV,RV,Golf cart

