

SE-12280

12.8V 280AHLiFePO4 BATTERY



ELECTRICAL SPECIFICATIONS

| | |
|--------------------------------|-----------|
| Model | SE-12280 |
| Nominal Voltage | 12.8V |
| Nominal Capacity | 280Ah |
| Energy Storage | 3584Wh |
| Self-discharge Rate | <3%/month |
| Series and Parallel Connection | 4S1P |

CHARGE SPECIFICATIONS

| | |
|----------------------------|-----------------------|
| Recommended Charge Current | 200A |
| Maximum Charge Current | 350A |
| Charge Current(25°C) | 0.5-1C |
| Recommended Charge Voltage | 12.8V - 14.2V |
| BMS Charge Voltage Cut-off | 14.6 V(3.75±0.025vpc) |
| Reconnect Voltage | 14.7V(3.34±0.05vpc) |

MECHANICAL SPECIFICATIONS

| | |
|----------------------|----------------------|
| Dimension(L*W*H) | 325*220*250mm |
| Weight | 35Kg |
| Active Balance(A) | 1A/2A |
| Case Material | Metal |
| Enclosure Protection | IP55 |
| Cell Type | LiFePO4 Grade A Cell |

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 |

COMPLIANCE SPECIFICATIONS

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

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 |

APPLICATIONS

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

