

Lead Acid Replacement Battery

ECO Series:L-12.8V100AH/200AH/314AH

L-25.6V100AH/200AH/314AH



L-Eco Series is a smart and economical lead-acid replacement battery. Intelligent bms provides multiple protection, security and stability. With small size, light weight, but large capacity, easy to carry characteristics, to provide customers with reliable quality and economic energy needs.



MSDS

- A-grade LiFePO4 Cells from Top 5 Brands
- Cycle Life: ≥ 3000 Times @ SOH $\geq 80\%$ & 0.5C, 25°C
- Compatible with Mainstream Inverters
- SOC Estimation, Intelligent Balance, GPS Positioning, Sleep and Wake-up Function
- Multiple Protection: OVP/ UVP/ OCP/SCP etc
- Support Bluetooth Connection
- A Maximum of 4 Units Can be Connection in Series
- 2 Years Warranty,3 Years Lifespan
- Anti-moisture, Mildew, and Salt spray Conformal Coating



Technical Data

Model	L-12V100AH	L-12V200AH	L-12V314AH	L-24V100AH	L-24V200AH	L-24V314AH
Cell Type	LiFePO4					
Rated Capacity(AH)	100	200	314	100	200	314
Energy(KWH)	1.28	2.56	4.019	2.56	5.12	8.038
Nominal Voltage(V)	13			26		
End-of-charge Voltage	14.5			29		
End-of-discharge Voltage	11			21		
Rated Charge Current(A)	50	100	100	50	100	100
MAX Continuous Discharge Current (A)	100					
MAX Instantaneous Discharge Current (A)	100					
Overcurrent Protection (A)	120					
Warranty	2 years					
Cycle Life	≥1500 Times @ SOH≥80% & 0.5C, 25°C					
SOC estimation	Yes					
Intelligent balance	Yes					
Sleep and wake-up	Yes					
Protection	Over-charge, Over-discharge, Over-current, Short-circuit, Over-voltage, Under-voltage, Over-high/low temperature					
Operating Temperature	Charging: 0°C~55°C ; Discharging: -20°C~55°C					
Storage Temperature	-30°C~60°C					
Storage Humidity	≤90% RH					
Standard Environmental Condition	Temperature: 25°C±2°C ; Humidity: 15%~95%RH ; Atmospheric Pressure: 86KPA~106KPA					
Communication Interface	Buletooth(Optional)					
Shell Material	Plastic					
Shell Color	Black (Other Colors can be customized)					
Size(mm)	330*175*215	525*240*220	525*270*220	525*270*220	525*240*220	525*270*220
Approx. Weight(kg)	11.5	21.5	25	38.5	21.5	45
Certification	CE, UN38.3, MSDS					