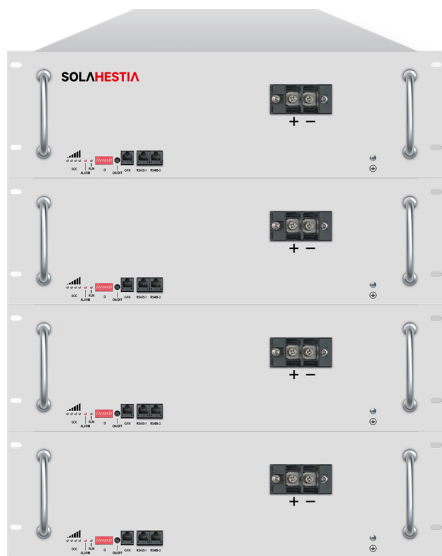


HESTIASOLAR RACK TYPE LITHIUM IRON PHOSPHATE BATTERY

ECO Series Low Voltage Lithium Battery Modules



Performance Characteristics

- Small size and light weight
- Equipped with high-performance A+ battery cells, with a lifespan of over 15 years and a 5-year warranty for the battery
- Intelligent BMS automatically protects against overvoltage, overheating, and short circuits
- Supports parallel connection of multiple units, up to 16 units
- Compatible with popular inverters in the market
- The LED display screen shows real-time battery level
- Standard cycle life over 8,000 times



Model	ECO48-100R	ECO48-200R	ECO51.2-100R	ECO51.2-200R
Nominal voltage(V)	48		51.2	
Nominal capacity(Ah)	100	200	100	200
Nominal energy capacity(kWh)	4.8	9.6	5.12	10.24
Operating voltage range(V)	42~54.75		44.8~58.4	
Recommended charging voltage(V)	51.75		55.2	
Recommended discharge cut-off voltage(V)	45		48	
Standard charging/discharging current(A)	0.5C			
Permissible humidity range(%RH)	<85			
Storage temperature(°C)	-20~65(Recommended 10~35)			
Charging temperature(°C)	0~50			
Discharging temperature(°C)	-10~60			
Protection level	IP20			
Cooling method	Natural air cooling			
Cell numbers	15		16	
Maximum size (D*W*H) mm	495*689*162	510*682*246	495*689*162	510*682*246
Weight(kg)	46	89	49	93
Warranty period	5 Years			

Note: The above data is for reference only and is subject to change without prior notice. Customized requirements such as Bluetooth and 1C charging and discharging need to be communicated with engineers.