

EG-SR-48300



EG-SR-48300 server rack batteries are made from a deep cycle prismatic LiFePO4 battery that combines proprietary architecture, circuitry, assembly methods and battery management systems (BMS) that are modular, lightweight and scalable for applications ranging from residential, commercial and industrial energy storage to telecom base station installations.



Modular and scalable



16S/15S multiple options



Better price, bigger capacity



10-year warranty & technical support



30 days delivery period



For on-grid and off-grid



UL standard battery pack



High cycle life and deep cycle capability



Safe and reliable LiFePO4

Specification

51.2V 300Ah 15.36kWh Battery

Item	General Parameter
Model	EG-SR-48300
Battery Type	Grade-A LiFePO4
Nominal Voltage (V)	51.2
Nominal Capacity (wh)	15360

Usable Capacity (wh)	13824	
Cell & Method	16S1P	
Dimension(mm)(W*H*D)	780*483(442)*222	
Weight(Kg)	130	
Discharge Voltage (V)	47	
Charge Voltage (V)	55	
Charge	Rate. Current / Power	150A / 7.68kW
	Max. Current / Power	240A / 12.288kW
	Peak Current / Power	310A / 15.872kW
Discharging	Rate. Current / Power	300A / 15.36kW
	Max. Current / Power	310A / 15.872kW, 1s
	Peak Current / Power	400A / 20.48kW, 1s
Communication	RS232, RS485, CAN, WIFI(Optional), Bluetooth(Optional)	
Depth Of Discharge(%)	90%	
Expansion	up to 63 units in parallel	
Working Temperature	Charge	0~55°C
	Discharge	-20~55°C
Storage Temperature	0~35°C	
Short Circuit Current/Duration Time	350A, Delay time 500μs	
Cooling Type	Nature	
Protection Level	IP20	
	≤ 3%/month	
	≤ 60% ROH	
Altitude(m)	< 4000	
Warranty	10 Years	
Design Life	> 15 Years (25°C / 77°F)	
Cycle Life	> 6000 cycles, 25°C	
Certification & Safety Standard	UN38.3	

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