

Renogy Lycan 5000 Power Box (RPB48350A-48LFPA12S)

Generals		Battery	
Model	RPB48350A-48LFPA12S	Battery Type	Lithium Iron Phosphate
Dimension	32.9 x 20.0 x 28.5 inch / 835 x 508 x 724 mm	Nominal Battery Voltage	48VDC
Weight	264.6 lbs. / 120 kg	Rated Battery Capacity	100Ah
Protection Rating	IP55	Rated Battery Energy	4.8KWh
Cooling Method	Fan	Cycle Life	4500 Cycles (80% DOD, 80% EOL, 0.2C, 25°C)
Operating Temperature Range	14°F~122°F / -10°C~50°C	Power Output	
Operating Relative Humidity Range	5%~95%	Rated AC Output Voltage	120VAC
Expansion Connector	Anderson 120A Connector, RJ45 Female Connector	Rated AC Output Frequency	50Hz/60Hz (Adjustable)
Expansion Capability	19.2KWh	Rated Output Power	3500W
Bluetooth Module	DC Home APP. Communication Range 82 ft. / 25 m	Peak AC Output Power	7000W
Self Consumption	25W (Power Saving Mode)	Power Input	
Enclosure Security	Keyed Cam Lock	Rated AC Input Voltage	110VAC/120VAC
Installation Environment	Indoor/Outdoor	Rated AC Input Frequency	50Hz/60Hz
Warranty		Maximum AC Bypass Current	20A
48V 50Ah Smart Lithium Iron Phosphate Battery	5 Year Prorated Warranty	Maximum Battery Charge Current (AC)	40A
48V 3500W Solar Inverter Charger, Communication Hub, BT-2 Bluetooth Module, Cables	1 Year Material and Workmanship Warranty	Solar Input Voltage Range	60VDC~145VDC
Circuit Breakers, Surge Protection Device	1.5 Year Material and Workmanship Warranty	Solar MPPT Voltage Range	60VDC~115VDC
Enclosure	3 Year Material and Workmanship Warranty	Maximum Solar Input Power	4400W
Accessories		Maximum Battery Charge Current (Solar)	80A
Handle	1	Maximum Battery Charge Current (Total)	100A
Handle Installation Screws (4)	4 X M8 x 1.25 x 20 mm	Certifications	
IEC C19 to NEMA 5-20P Power Cable	10ft., 12AWG	48V 50Ah Smart Lithium Iron Phosphate Battery	UN38.3, MSDS, FCC, PSE, CE
Keys (2)		48V 3500W Solar Inverter Charger	FCC, RoHS