



# LITHIUM BATTERY

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ML100-25.6 R

ML100-48 R

ML 200-48 R



## Battery Specifications

Model No.	ML100-25.6 R	ML100-48 R	ML200-48 R
Voltage	25.6V	48V	
Combination	8S1P	15S1P	
Capacity	100AH	100AH	200AH
Energy	2.56KWH	4.8 KWH	9.6 KWH
Weight	27KG	46KG	83 KG
Cell	LiFePo4 3.2V 50AH & 100AH UL1642		
Cell Brand	Brand new Grade A ANC Cells		
Cell Model No.	IFP48173115-100AH		
BMS	Built - in w/Pylontech Protocol Communication: CAN/RS485/RS232		
Connectors	1M Data Cable and Power Cable included Waterproof connector		
Dimension	430*420*133mm	483x460x178mm	483x680x178mm
Cycles (80% DOD,25 °C,0.5C)	6000 cycles		
Depeth of discharge	Upto 100%		
Lifetime	10 years		
Standard charge	20A	50A	50A
Standard discharge	20A	50A	50A
Maximum continuous charge	100A	100A	120A
Maximum continuous discharge	100A	100A	120A
Operation temperature	Charge: 0-45 <sup>°C</sup> , Discharge: -20-55 <sup>°C</sup>		
Storage temperature	Keep at -20 to 65 <sup>°C</sup>		
Protection standard	IP21		
Cut off voltage	45V		
Max.charging voltage	54V		
Memory effect	None		
Maintenance	Maintenance free		
Compatibility	Compatible with all standard offgrid inverters and charge controllers. Battery to inverter output sizing keep 2:1 ratio.		
Warranty Period	5 Years		
Remarks	rack battery BMS must be wired in parallel only. Wiring in series will void the warranty. Allow max, 14 units in parallel to expand more capacity.		
Case	Black/white 3U Iron house		

