



SHENZHEN LITU NEW ENERGY TECHNOLOGY CO.,LTD



# PRODUCT SPECIFICATIONS

Battery Specifications	
Model No	YP51400 20KWH
Nominal Parameters	
Voltage	51.2V
Material	Lifepo4
Capacity	400Ah
Energy	20.48KwH
Dimensions (L x W x H)	920 x 220 x 730 mm
Weight	250 kg
Basic Parameters	
Life time(25° C)	Expected Lifetime
Life cycles(80% DOD, 25° C)	6000 Cycles
Storage time / temperature	5 months @ 25° C; 3 months @ 35° C; 1 month @ 45° C
Operation temperature	-20° C to 60° C @60+/-25% Relative Humidity
Storage temperature	0° C to 45° C @60+/-25% Relative Humidity
Lithium Battery Standard	UL1642(Cell), IEC62619, UN38.3, MSDS, CE-EMC
Enclosure protection rating	IP21
Electrical Parameters	
Operation voltage	51.2 Vdc
Max. charging voltage	58 Vdc
Cut-off-Discharge Voltage	46 Vdc
Max. charging and discharging current	200A



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