



SHENZHEN LITU NEW ENERGY TECHNOLOGY CO.,LTD



PRODUCT SPECIFICATIONS

Battery Specifications				
Model	YP LV20KWH ESS	YP LV30KWH ESS	YP LV40KWH ESS	YP LV50KWH ESS
Battery				
Normal Voltage	48V/51.2V	48V/51.2V	48V/51.2V	48V/51.2V
Single Battery Module	100-200AH	100-200AH	200AH	200AH
Typical Capacity	400AH	600AH	800AH	1000AH
Combination	2-4 Battery Modules	3 Battery Modules	4 Battery Modules	5 Battery Modules
Energy	20KWH	30KWH	40KWH	50KWH
Cycle Life	Over 5000 cycles @ 80% DOD, 0.5C, Over 4000 cycles @95% DOD, 0.5C			
Desingne Life	10 Years			
Charge Cut-Off Voltage	56V	56V	56V	56V
Discharge Cut-Off Voltage	42V	42V	42V	42V
Maximum Continuous Charge Current	200A	300A	400A	500A
Maximum Continuous Discharge Current	200A	300A	400A	500A
Charge Temperature Range	0-60 Degree			
Discharge Temperature Range	-20-60 Degree			
System Parameters				
Dimension :	About 680*860*1000mm	About 680*860*1200mm	About 680*860*1600mm	About 680*860*1800 -2200mm
Net Weight (KG)	300KG	380KG	450KG	580KG
Protocol (Optional)	RS232 -PC, RS485(B) - PC, RS485 (A) - Inverter, CANBUS-Inverter			
Certification	IEC62619, UN38.3, MSDS, UL1642			
Compatibility	Compatible with all standard offgrid inverters and charge controllers. Battery to inverter output sizing keep 2:1 ratio.			



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