



SHENZHEN LITU NEW ENERGY TECHNOLOGY CO.,LTD



PRODUCT SPECIFICATIONS

Product Specification	
MODEL	YPESS0510EU
Maximum PV Input Power	6500 W
Rated Output Power	5500 W
Maximum Charging Power	4800 W
PV INPUT (DC)	
Nominal DC Voltage / Maximum DC Voltage	360 VDC / 500 VDC
Start-up Voltage / Initial Feeding Voltage	116 VDC / 150 VDC
MPP Voltage Range	120 VDC ~ 450 VDC
Number of MPP Trackers / Maximum Input Current	2 / 2 x 13 A
GRIDINPUT	
Nominal Output Voltage	208/220/230/240 VAC
Output Voltage Range	184 - 264.5 VAC*
Max. Output Current	23.9A*
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180 VAC
Acceptable Input Voltage Range	170 -280 VAC
Maximum AC Input Current	40 A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	208/220/230/240 VAC
Efficiency (DC to AC)	93%
BATTERY & CHARGER	
Nominal DC Voltage	48 VDC
Maximum Charging Current	100 A
PHYSICAL	
Dimension, D X W X H (mm)	214 x 621 x 500
Net Weight (kgs)	25
BATTERY MODULE	
Capacity	10KWH
PARAMETERS	
Nominal Voltage	48VDC
Full Charge Voltage(FC)	52.5V
Full Discharge Voltage(FD)	40.0 V
Typical Capacity	200Ah
Max Continuous Discharging Current	120A
Protection	BMS, Breaker
Charge Voltage	52.5 V
Charge Current	30A
Standard Charge method	CC (Constant current) charge to FC, CV (Constant voltage FC) charge till charge current decline to <0.05C
Inner Resistance	<20m ohm
Dimension, D X W X H (mm)	214 x 621 x 550
Net Weight (kgs)	55



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