



## PRODUCT SPECIFICATIONS

Product Specification			
MODEL	YP ESS6KLV5EU	YP ESS6KLV10EU	YP ESS6KLV12EU
Maximum PV Input Power	11000 W		
Rated AC Output Power	6000 W		
Norminal DC Voltage / VOC	360Vdc / 600Vdc		
Start-Up / Min. Operating Voltage	50Vdc / 40Vdc		
Number of MPP Trackers	2		
Charge Voltage	57.2V		
Max. Charge Current ( A )	100		
Max. Discharge Current ( A )	120		
Discharge Cut-Off Voltage ( VDC )	43.2		
Charge Cut-Off Voltage ( VDC )	58.4		
Battery Voltage ( VDC )	51.2		
Energy Storage ( KWH )	5.12	10.24	20.48
Cycle Life	6000 cycles @80% DOD, 0.5C		
Monthly Self Discharge Rate	Less than 2%		
Working Enviornment Charge Temperature	0°C to 55°C		
Working Enviornment Discharge Temperature	-25°C to 55°C		
Storage Temperature	-20°C to 55°C		
IP Class	IP65		
Battery Case Type	All In One Stack		
System Dimension L * W * H ( mm )	620* 243 * 1295	620* 243 * 1295	620*243*1890
Protocol ( Optional )	RS485 / RS 232, WLAN Optional		
System Certification	UN 38.3, MSDS, EN, IEC, NRS, G99		
Cell & Pack Certification	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054		



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