



3U



4U

MODEL	PS-RACK-51100-3U		PS-RACK-51200-4U	
Electrical Characteristics				
Rate voltage(Vdc)	51.2			
Cell combination	16S1P		16S2P	
Rate capacity(AH)	100		200	
Energy storage(KWH)	5.12		10.24	
Cycle life	6000 cycles @80% DOD, 0.5C			
Charge/Discharge Standard				
Charge voltage(V)	56			
Max. charge current(A)	100 (Optional 150/200A for 200AH pack)			
Max. discharge current(A)	100 (Optional 150/200A for 200AH pack)			
Discharge cut-off voltage(VDC)	43.2			
Charge cut-off voltage(VDC)	58.4			
Enviornment				
Charge temperature	0°C to 50°C@60±25% Relative Humidity			
Discharge temperature	-20°C to 50°C@60±25% Relative Humidity			
Storage temperature	-20°C to 50°C@60±25% Relative Humidity			
Mechanical				
IP class	IP20			
Material system	LiFePO4			
Case material	Metal			
Case type	Rack Mount			
Pack dimension L*W*H(mm)	480*442*133 (3U)		680*442*178 (4U)	
Package dimension L*W*H(mm)	580*530*210		820*625*310	
Net weight(kg)	44		88	
Gross weight(kg)	49		97	
Communication				
Protocol(Optional)	CANBus/RS485/RS232			
Certificates				
Pack	UN38.3, MSDS, IEC62619, CE-EMC, UL1973			
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054			