



CUBE-1.28-R

LiFePO4 Wall mount series

Model	CB1280P	CB12100P	CB12120P	CB12150P	
Electrical Characteristics	Rate voltage(Vdc)	384	409.6	512	614.4
	Rate capacity(AH)	100	100	100	100
	Energy storage(KWH)	38.4	40.96	51.2	61.44
	Cycle life	≥4000 cycles to 85% DOD			
	Months self discharge	≤2%			
	Efficiency of charge	100% at 0.2C			
	Efficiency of discharge	96-99% at 1C			
Standard Charge	Charge voltage(Vdc)	432	460.8	576	691.2
	Charge mode(Per cell)	CC/CV			
	Recommend Charge current(A)	30	30	30	30
	Max. Charge current(A)	100	100	100	100
Standard Discharge	Charge cut-off voltage(VDC)	432	460.8	576	691.2
	Contiuous current(A)	100	100	100	100
Environmental	Discharge cut-off voltage(VDC)	336	358.4	448	548.8
	Charge temperature	0 ℃ to 45 ℃ (32F to 113F) @60±25% Relative Humidity			
	Discharge temperature	-20 ℃ to 60 ℃ (-4F to 140F) @60±25% Relative Humidity			
	Storage temperature	0 ℃ to 40 ℃ (32F to 104F) @60±25% Relative Humidity			
	IPclass	IP63			
	Material system	LiFePO4			
	Case material	Metal			
Mechanical	Case type	Rack Mount			
	Pack Dimensions L*W*H(mm)	600*650*1880	600*650*1880	600*650*2100	2*(600*650*1880)
	Package Dimensions L*W*H(mm)	620*670*2000	620*670*2000	620*670*2120	2*(620*670*2000)
	Net Weight(kg)	150	145	255	305
	Gross Weight(kg)	153	193	305	385
	Terminal	M8			
	Protocol(Optional)	CANBus/RS485/RS232			
	SOC (Optional)	LED/LCD			
The quality assurance period	60 months				