



PowerCase

(LFP Battery)

PC-3.58 / PC-7.16 / PC-10.74 / PC-14.32

Model	PC-3.58	PC-7.16	PC-10.74	PC-14.32
Battery Type	LiFePO4			
Battery Module	1 Module	2 Modules	3 Modules	4 Modules
Nominal Characteristics				
Nominal Voltage	51.2V			
Battery Capacity	70Ah	140Ah	210Ah	280Ah
Nominal Battery Energy	3.58kWH	7.16kWH	10.74kWH	14.32kWH
Electrical Specification				
Voltage Range	43.2V-57.6V			
Max.Charging Current	50A	100A	100A	100A
Max.Discharging Current	50A	100A	100A	100A
Mechanical Specifications				
Net Weight	59kg	94kg	59kg+94kg	94kg+94kg
Demension	536*170*1037mm			
Ingress Rating	IP65			
Color	White(Customizable)			
Cooling	Natural Convection			
Communication Specification				
Communication Port	CAN			
Operation Conditions				
Operation Temperature Range	0-55 C			
Operation Humidity	< 100%			
Altitude	< 2000m			
Calendar Life	>6000 Cycles, 25 C			
Protection				
Over Charge/Discharge Protection	Integrated			
OverCurrent Protection	Integrated			
Overtemperature Protection	Integrated			
Short Circuit Protection	Integrated			
Certification				
Safety	CE/EN62619			
EMC	EN61000			
Transport	UN38.3			
Environment	ROHS			

