

Vertical Battery System



Vertical Battery System

Battery Module		
Model	CLFP-51.2-100-V	CLFP-51.2-200-V
Battery Type	Lithium Iron Phosphate	
Energy	5.12KWH	10.24KWH
Nominal Voltage	51.2V	
Nominal Capacity	100AH	200AH
Charge Method	CC-CV 58.4V 0.05C cut off	
Max.Continuous Charge Current	100A	
End of Discharge Voltage	40V	
Max.Continuous Disharge Current	100A	
Cycle Life	≥5000times 80%SOC 0.5C/0.5C 25℃	
Use Period	> 10 Years@25℃	
Cooling Method	Natural Cooling	
Storage	10℃ ~ 35℃ ≤85%RH	
Operating Temperature	20℃~55℃	
Installation Method	Stacked	
Communication	RS485 RS232 CAN	
Waterproof	IP42	
Size/Weight	L538*W200*H480mm/54KG(single layer)	
Certification	IEC62619 UN38.3 CE RoHS	

Hybrid Inverter	
Phase Number	Single-Phase Sin Pure Wave
Output Power	5KW (Optional)
Rated Grid Frequency	50Hz/60Hz Auto Detect
AC Input/Output Voltage Range	220V
Max.PV Input Power	5000W (Optional)
MPPT Voltage Range	60-115Vdc
Battery Voltage Range	40.0Vdc~60Vdc ± 0.6Vdc
Cooling Method	Fans
Waterproof	IP21
Size/Weight	L538*W200*H390mm/18KG
Certification	IEC62619 UN38.3 CE RoHS

Chassis	
Chassis Size/Weight	L538*W60*H188mm/10KG