

VCHB-36~56K-L (F)

Features

- Single cluster 11 parallel, Max. parallel 12 clusters.
- Suitable for multi-module installation
- High system efficiency
- Supports up to 95% DOD

VCHB-36~56K-L (F)
High Voltage Lithium Battery



Technical Specifications

Model	VCHB-35K-358-L	VCHB-56K-563-L	VCHB-40K-409-L(F)	VCHB-56K-563-L(F)
System data				
Battery Module Type	Lithium Iron Phosphate(LiFePO4)			
Battery Module Quantity	7 units	11 units	8 units	11 units
Nominal Battery Energy	35.84kWh	56.32kWh	40.96kWh	56.32kWh
Nominal Capacity	100Ah	100Ah	100Ah	100Ah
Nominal Voltage	358.4V	563.2V	409.6V	563.2V
Operating Vol.Range	313.6~403.2V	492.8~633.6V	358.4~460.8V	492.8~633.6V
Nominal Power Output	21.5kW	33.79kW	40.96kW	56.32kW
Max.Power Output	35.84kW	56.32kW	40.96kW	56.32kW
Recommend Charge/Discharge Current	50A	50A	100A	100A
Max. Discharging Current	60A	60A	100A	100A
Net Weight(W*D*H)	397.5kg	646.5kg	501kg	642kg
Rack System Control Unit Type	548*568*1412mm	548*568*2012mm	594*558*1663mm	594*558*2152mm
Module Quantity and Configuration	BDU-60	BDU-60	BDU-100F	BDU-100F
Operation Environment				
Charging Temp.Range	0~55°C	0~55°C	0~55°C	0~55°C
Discharging Temp.Range	-10~55°C	-10~55°C	-10~55°C	-10~55°C
Communication Interface				
Communication	CAN	CAN	CAN/RS485	CAN/RS485
General Data				
Cycle Life	>6000 Cycles	>6000 Cycles	>6000 Cycles	>6000 Cycles
Protection Level	IP20	IP20	IP20	IP20