

High Voltage Lithium Battery

SIB - 35K - 358 - L (F)

F: Forced air cooling

L: Lithium ion battery

Nominal Voltage 358K : 358.4V
409K : 409.6V
563K : 563.2V

Nominal Energy 35K : 35.84kWh
40K : 40.96kWh
56K : 56.32 kWh

SIB: Battery



Model	SIB-35K-358-L	SIB-56K-563-L	SIB-40K-409-L(F)	SIB-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 Charging Current	50A	50A	100A	100A
Recommend Discharging Current	50A	50A	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	BDU100	BDU100	BDU100	BDU100
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