

Specification

Battery Management system



Models	SC0500-100S	SC1000-100S	SC1000-200E
Related Product	X1	H1/H2	M1
Controller Working Voltage	100~430Vdc	200~1000Vdc	220Vac
System Operation Voltage	100~430 Vdc	200~1000 Vdc	0~1000 Vdc
Charge Current (Max.)(A)	100	100	200
Discharge Voltage(Vdc)	100~430	200~1000	0~1000
Discharge Current (Max.) (A)	100	100	200
Self-Consumption Power (W)	8	8	8
Dimension(W*D*H, mm)	442*390*132	442*390*132	330*628*150.5
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Protection Class	IP20	IP20	IP20
Weight (kg)	8.2	8.2	17.5
Operation Life	15 years	15 years	15 years
Operation Temperature	-20~65℃	-20~65℃	-20~65℃
Storage Temperature	-40~80℃	-40~80℃	-40~80℃
Product Certificate	TÜV,CE	TÜV,CE	TÜV,CE

Battery Module



Models	H48050	H48074	H32148
Capacity(kWh)	2.40	3.55	4.74
Nominal Voltage(Vdc)	48	48	32
Nominal Capacity(AH)	50	74	148
Voltage Range(Vdc)	45~54	45~54	30~36
Depth of Discharge	80%(10~90%)	80%(10~90%)	80%(10~90%)
Dimension(W*D*H,mm)	442*390*100	442*390*132	330*628*150.5
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Protection Class	IP20	IP20	IP20
Weight(kg)	24	32	48
Operation Life	10+Years	10+Years	10+Years
Operation Cycle Life	4000	4000	4000
Operation Temperature	0~50℃	0~50℃	0~50℃
Storage Temperature	-20~60℃	-20~60℃	-20~60℃
Product Certificate	TÜV,CE	TÜV,CE	TÜV,CE