



Specification

Third Controller

Models	MBMS1000A-S
Operating voltage range	12 Vdc
Output dry contact interface	4 groups
Input dry contact interface	4 groups
System Consumption (W)	2
Protection degree	IP20
Operation Life	15 year
Communication	RS485/CAN
Operation Temperature/°C	-20~65 °C
Dimension(W*D*H, mm)	442*150*44
Weight (kg)	3.5



Main Controller

Models	SC0500A-100S	SC1000A-100S
Related Product	X1	H1/H2
Controller Working Voltage	100~435Vdc	200~1000Vdc
System Operation Voltage	100~435 Vdc	200~1000 Vdc
Charge Current (Max.)(A)	100	100
Discharge Voltage(Vdc)	100~435	200~1000
Discharge Current (Max.) (A)	100	100
Self-Consumption Power (W)	8	8
Dimension(W*D*H, mm)	442*390*132	442*390*132
Communication	RS485/CAN	RS485/CAN
Protection Class	IP20	IP20
Weight (kg)	8.2	8.2
Operation Life	15 years	15 years
Operation Temperature	-20~65°C	-20~65°C
Storage Temperature	-40~80°C	-40~80°C
Product Certificate	TÜV(IEC62619)	TÜV(IEC62619)



PYLONTECH

Specification

Battery Module

Models	H48050
Capacity(kWh)	2.40
Nominal Voltage(Vdc)	48
Nominal Capacity(AH) 50	
Voltage Range(Vdc)	45~54
Depth of Discharge	80%(10~90%)
Dimension(W*D*H,mm)	442*390*100
Communication	RS485/CAN
Protection Class	IP20
Weight(kg)	24
Operation Life	10+ Years
Operation Cycle Life	4000
Operation Temperature	0~50°C
Storage Temperature	-20~60°C
Product Certificate	TÜV(IEC62619)



Energy Storage System

Models	POWERCUBE-X1 (384V50AH)
Battery System Capacity (kWh)	19.20
Battery System Voltage (Vdc)	384
Battery System Capacity (AH)	50
Battery Module	H48050
Battery Module Capacity (kWh)	2.40
Battery Module Quantity (pcs)	8
Battery System Charge Upper-Voltage (Vdc)	432
Battery System Charge Current (Standard)	10
Battery System Charge Current (Normal)	25
Battery System Charge Current (Max.)	50
Battery System Discharge lower-Voltage (Vdc)	360
Efficiency	96%
Depth of Discharge	80% (10~90%)
Dimension(W*D*H, mm)	600*600*1600
Weight (kg)	250
Operation Life	10+ Years
Operation Cycle Life	3,500
Operation Temperature	0~50°C
Storage Temperature	-20~60°C
Battery Modules Qty. (Optional)	3~8 pcs
Product Certificate	TÜV(IEC62619)

