

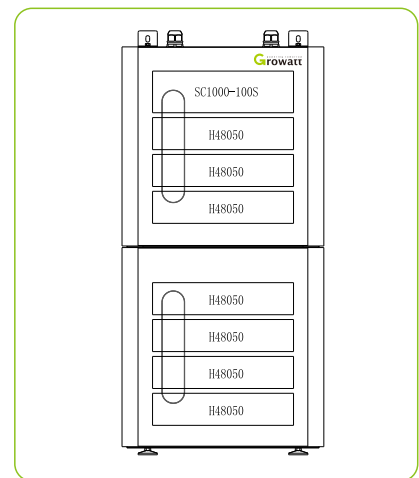


Battery Cabinet



Growatt high voltage battery cabinet parameters

BMS type	SC0500A-100S, SC1000-100S
Battery type	Growatt H48050
Battery scalability	4 Pcs each box
Battery Module Quantity	4-10 Pcs
Cabinet scalability	Vertical maximum three cabinets
installation	Floor installation
Dimension (W/H/D) in mm	630/655/550
weight	40Kg cabinet only
IP rating	IP55
Working temperature	0-50°C



Battery Modular	Growatt H48050	
-----------------	----------------	--

Battery Data		
--------------	--	--

Nominal Voltage	48V	
Normal Capacity	2400Wh	
Battery Module Charge Voltage (Vdc)	54V	
Battery Module Discharge lower-Voltage (Vdc)	45V	
Battery System Charge/Discharge Current (Standard)	10A	
Battery Module Charge/Discharge Current	25A (Normal) 50A (Max)	

General Data		
--------------	--	--

Dimension (W/H/D) in mm	442/390/100	
Weight	24Kg	
Working temperature	0~50°C	
Storage Temperature	-20~60°C	

Features		
----------	--	--

Operation Life	10+Years	
Operation Cycle Life	4000	
Communication Port	CAN	

BMS Controller	SC0500A-100S	SC1000-100S
----------------	--------------	-------------

Battery Data		
--------------	--	--

System Operation	100~435Vdc	200~1000Vdc
Charge /Discharge Current (Max.)	100A	100A
Discharge Voltage (Vdc)	100~435V	200~1000V
Available battery number	4~7pcs	5~10pcs

General Data		
--------------	--	--

Dimension (W/H/D) in mm	442/390/132	442/270/132
Weight	6.5Kg	8.2Kg
Working temperature	-20~65°C	-20~65°C
Storage Temperature	-40~80°C	-40~80°C

Features		
----------	--	--

Operation Life	15 Years	15 Years
Communication Port	CAN	CAN

TÜV (IEC 62619)