

MARSTEK

Power Anywhere & Anytime

MARSTEK SATURN-C

Balcony Solar Battery System

800W On-grid, 1600W 2 MPPT PV Input
2.24kWh LFP Capacity, Cycle Life ≥ 6000

Anti Feed-in, 100% Self Consumption
with "MARSTEK CT002" / "Shelly" Smart Meter

DIY Installation, Plug & Play
IP65 Waterproof

MARSTEK APP



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Product Manual

SPECIFICATIONS



Model	B2500-D
General	
Capacity	2240Wh
Cell Chemistry	LiFePO ₄
Lifecycle	6000+ Cyclesto 80% Capacity
Storage Temp.	14°F~131°F(-10°C~55°C)
Operating Temp.	14°F~122°F(-10°C~50°C)
Material	ABS + PC + Metal
Weight	20±0.5kg
Dimensions	295*175*350mm
Battery Management System	OVP, UVP, OCP, SCP, OTP, UTP, etc
Wireless	BT 4.2 + WIFI 2.4G
MC4*2 PV INPUT	
Power	800W*2 Max
Voltage Range	12V~59V
Max. Input Current	13.5A*2
MC4*2 OUTPUT	
Power	400W*2 Max
Voltage Range	16V~40V
Max. Output Current	15A Max
Additional Data	
Protection Rated	IP65
Standards	EN IEC 62109-1/-2, EN IEC 61000-6-1/3, IEC 62619:2022, WEEE, RoHS, REACH

Diagram for Connecting Multiple B2500-D

Diagram for Connecting 2 B2500-D

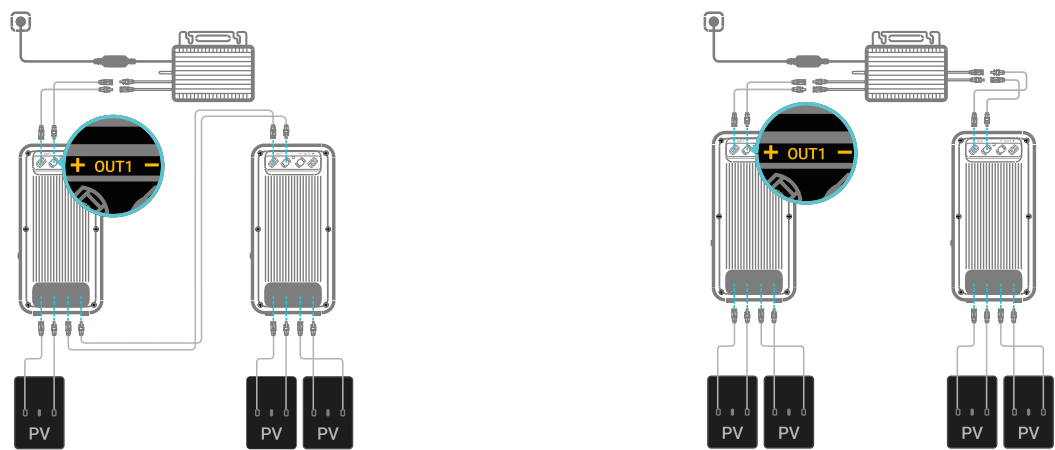


Diagram for Connecting 3 B2500-D

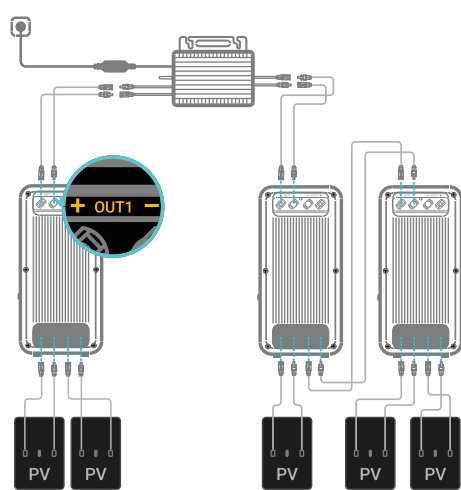
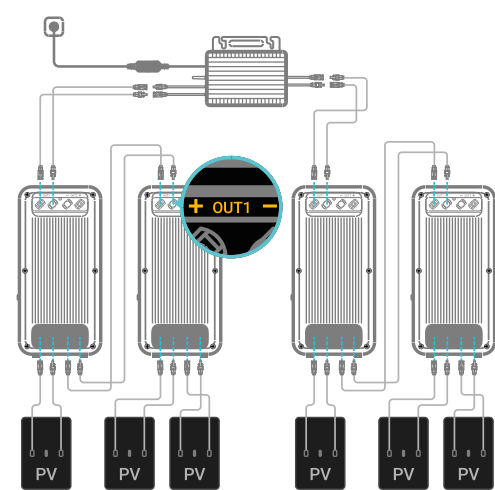


Diagram for Connecting 4 B2500-D



Micro Inverter with Four MPPT

