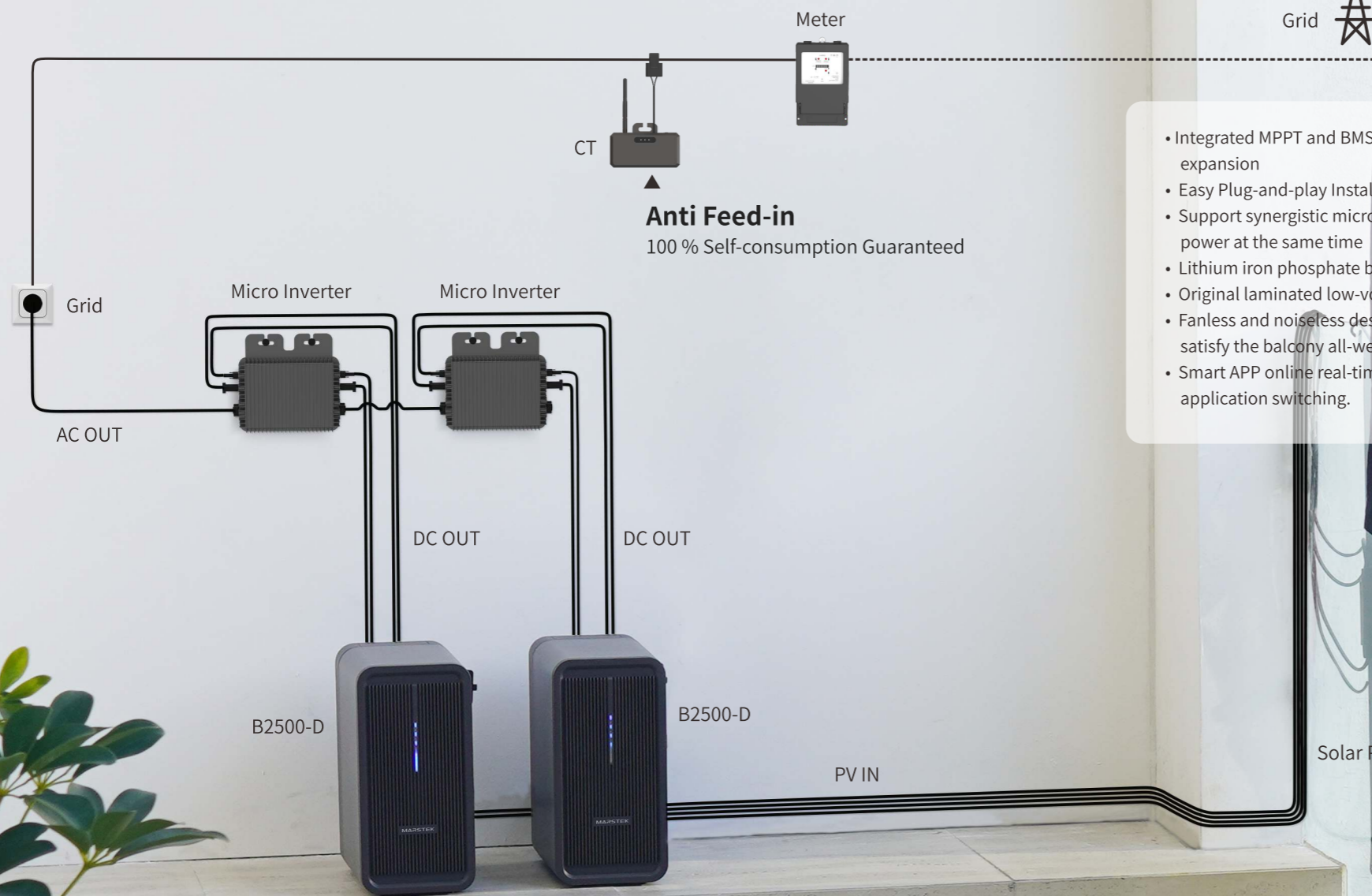


SATURN SERIES BALCONY SOLAR BATTERY SYSTEM

BALCONY ESS-B2500-D



- Integrated MPPT and BMS power management technology, supporting 2240Wh-6720Wh capacity expansion
- Easy Plug-and-play Installation, compatible with 99% of solar panels and micro inverters in the market
- Support synergistic micro-inverters for string formation, expand capacity and support greater output power at the same time
- Lithium iron phosphate battery, 7-fold safety protection, 6000+ cycle times, 10 years lifespans.
- Original laminated low-voltage large batteries, ultra-low self-consumption
- Fanless and noiseless design, IP65 waterproof, high temperature resistant and fireproof materials, fully satisfy the balcony all-weather field
- Smart APP online real-time monitoring, multiple modes can be selected to facilitate multi-scenario application switching.



EXPANDABLE CAPACITY
2240Wh~6720Wh



HIGH POWER
1000W PV Input
800W DC Output



POWER ANYTIME
Backup The Excess Solar Energy
to Provide Energy at Night



DIY INSTALLATION
Creativity Design for SOC Display
Plug-And-Play



HIGH SAFETY
LiFePO₄ Battery
IP65 Waterproof



LONG LIFESPAN
Over 10 Years
Lifecycle 6000+Times



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~104°F(-10°C~40°C)
	Material	ABS + PC + Metal
	Weight	20±0.5kg
	Dimensions	295*175*350mm
	Battery Management System	OVP, UVP, OCP, SCP, OTP, UTP, etc
	Wireless	BT5.2 + WIFI 2.4G
MC4*2 PV INPUT	Power	500W*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

P2500D EXTRA BATTERY FOR B2500D

2240Wh



P2500D

B2500D

SPECIFICATIONS



Model		P2500D
GENERAL	Capacity	2240Wh
	Cell Chemistry	LiFePO ₄
	Nominal Current	50A
	Lifecycle	6000+ Cycles to 80% Capacity
	Storage Temp.	-4°F~140°F(-20°C~60°C)
	Operating Temp.	32°F~122°F(0°C~50°C)
	Material	ABS + PC / Metal
	Weight	18±0.5kg
	Dimensions	295*175*350mm
	Battery Management System	OVP, UVP, OCP, SCP, OTP, UTP, etc.
INPUT	Battery Voltage Range	44.8V
	Charge Voltage	52.5V
	Charge Current	50A
OUTPUT	Discharge Current	100A
	DoD	90%