

SERAPP

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BALCONY SOLAR SYSTEM

MET-800-4

Ideal for Balcony System in Europe



Aesthetic
All-Black Design



Independent Packaging
C-End Sales



Lightweight
70% Lighter

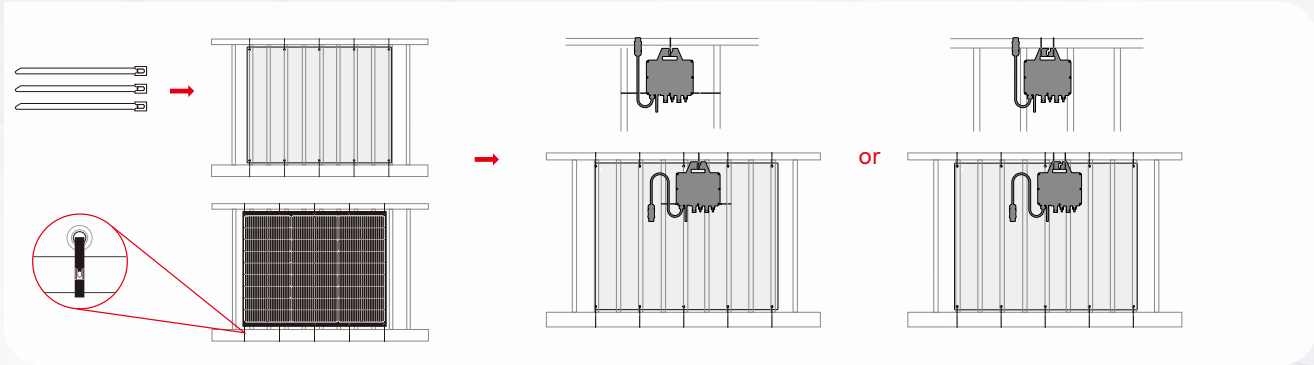


DIY feature
Self-Installation

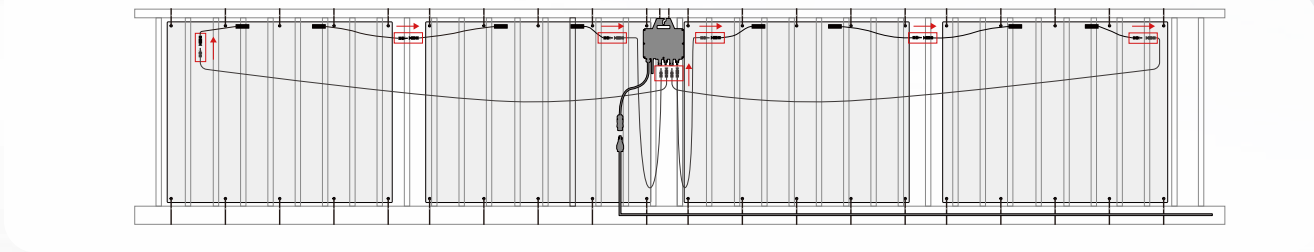


INSTALLATION STEPS

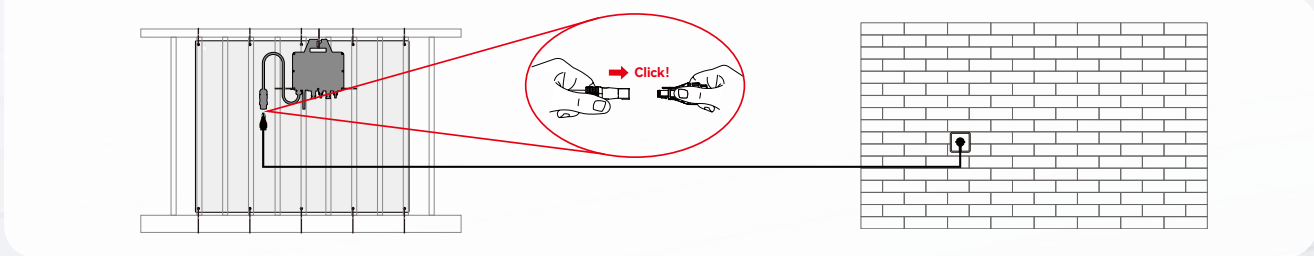
01 Fix the solar panel and microinverter with strap to the balcony.



02 Connect micro-inverter



03 Connect extension cable and plug in power supply



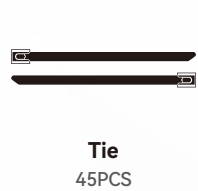
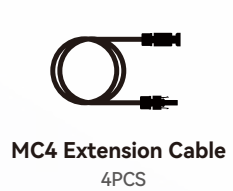
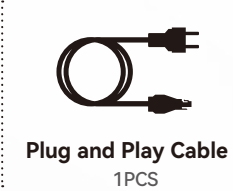
SOLAR PANEL

ELECTRICAL CHARACTERISTICS	
STC	SAT-200-F8MP
Maximum Power (Pmax)	200W
Maximum Power Voltage(Vmp)	15.30V
Maximum Power Current(Imp)	13.10A
Open-circuit Voltage(Voc)	18.55V
Short-circuit Current(Isc)	13.70A
Module Efficiency(%)	19.17%
Operating Temperature	-40°C to 85°C
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	20A
Application Class	Class II

ELECTRICAL CHARACTERISTICS	
Solar Cell	Monocrystalline silicon cell
Cell Size	182x91mm
No. of cells	54(9*2*3)
Installation Module Dimension	L:1140*W:915*H:3 mm
Module Dimension(J-Box included)	L:1140*W:915*H:18 mm
Weight	3.3kg
Backsheet	Black PV Backsheet
J-Box	IP 68 rated
Output cables	Photovoltaic Technology Cable 4.0mm²
Cable length	(+)/(-)500 mm or Customized Length
Connector	MC4 compatible

COMPONENT

Flexible Solar Panel*4



Packaging (4 pieces/set)		
Container	20'GP	40'GP
Sets per pallet	22	25
Sets per container	176	500

MICRO-INVERTER

MI2S-800D	
Input Data (DC)	
Recommended PV Module Power (STC) Range	400-480
Peak power MPPT voltage range (V)	30-45
Operating voltage range (V)	25-60
Maximum input voltage (V)	60
Maximum input current (A)	2*15
Output Data (AC)	
Maximum continuous output power(VA)	800
Maximum continuous output current (A)	3.7
Nominal output voltage/Range (V)①	230V/207-253V
Adjustable Output Voltage Range(V)	187V-265V
Nominal frequency//Range(Hz)①	60/59.3-60.5Hz, 50/48-51Hz
Adjustable Output Frequency Range(Hz)	45Hz-65Hz
Power factor(adjustable)	0.99/0.8 leading...0.8 lagging
Total harmonic distortion	<5%
System Efficiency	
Peak convert efficiency	>95%
CEC weighted efficiency	>94%
Nominal MPPT efficiency	>99.8%
Night power consumption (mW)	<100

① Nominal voltage/frequency range can be changed to fulfill power department's regulation.

Data from Shanghai Rockcore Electronics Technology Corp