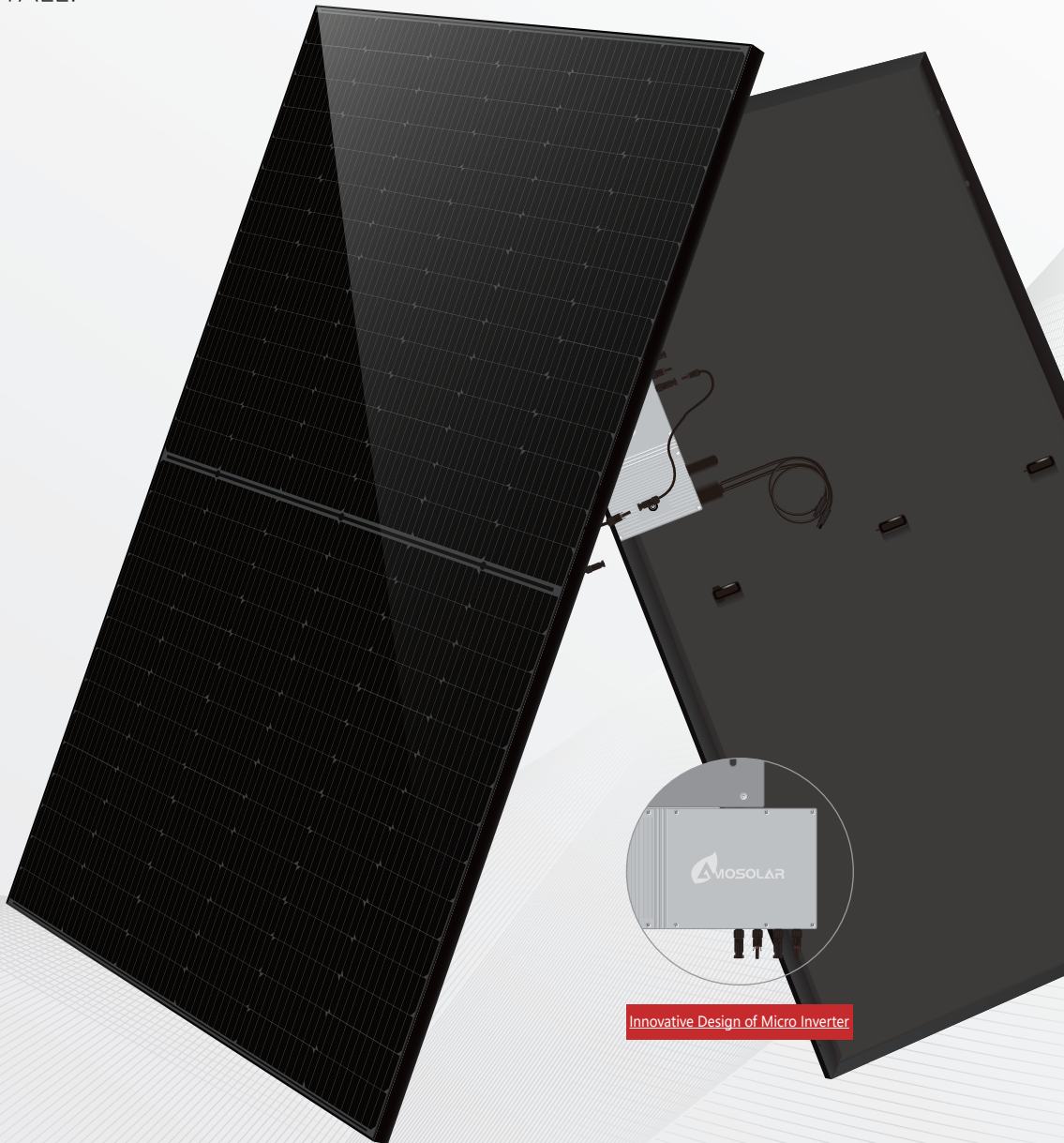


SOLAR SOLUTIONS

BALCONY

CONNECT TO ELECTRIC PLUG
EASY TO INSTALL!

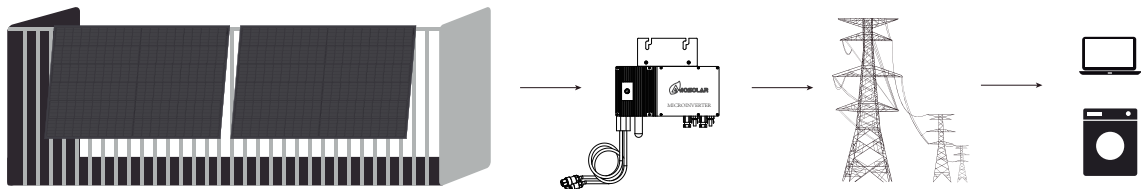


Innovative Design of Micro Inverter

AMOSOLAR BALCONY SOLAR SYSTEM

AS-600BL/AS-800BL

- Generate your own energy
- Saving electricity bill
- Zigbee or WIFI communication
- Rapid shutdown function
- Support reactive power compensation
- 1 MPP tracker, module level monitoring



INPUT DATA (DC)

Inverter power	600W	600W	800W	800W
Recommended input Power(STC)	All Black 410W (PERC) *2	All Black 430W (N-TOPCON) *2	All Black 460W (PERC) *2	All Black 510W (PERC) *2
Maximum input DC Voltage	60V	60V	60V	60V
Startup Voltage	24V	24V	24V	24V
MPPT Voltage Range	22-55	22-55	22-55	22-55
Maximum input DC Current	18A	18A	18A	18A

OUTPUT DATA (AC)

Rated output Power	600W	600W	800W	800W
Rated output Current	2.52	2.52	3.26	3.26
Rated Output Voltage/V	220/230V, L+N+PE	220/230V, L+N+PE	220/230V, L+N+PE	220/230V, L+N+PE
Output Frequency Range	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Power Factor(Nominal/Adjustable Range)	1.0/0.8 leading...0.8 lagging	1.0/0.8 leading...0.8 lagging	1.0/0.8 leading...0.8 lagging	1.0/0.8 leading...0.8 lagging
Output Current Total Harmonic Distortion	<3%	<3%	<3%	<3%

EFFICIENCY

Peak Efficiency	97.10%	97.10%	97.30%	97.30%
MPPT E _{x005} efficiency	>99.5%	>99.5%	>99.5%	>99.5%
Night Power Consumption/MW	<100	<100	<100	<100

MECHANICAL DATA

Operating Ambient Temperature Range	-40°C~+65°C	-40°C~+65°C	-40°C~+65°C	-40°C~+65°C
Microinverter Dimensions(W x H x D)/MM	227 x 132 x 50	227 x 132 x 50	268 x 250 x 42	268 x 250 x 42
Microinverter Weight	2.9kg	2.9kg	2.9kg	2.9kg
Cooling	Natural convection-No fans	Natural convection-No fans	Natural convection-No fans	Natural convection-No fans
Protection Class	NEMA-6 / IP-66 / IP-67	NEMA-6 / IP-66 / IP-67	NEMA-6 / IP-66 / IP-67	NEMA-6 / IP-66 / IP-67
Overvoltage class	III	III	III	III

FEATURES

Noise	<10db	<10db	<10db	<10db
Communication	PLC or WiFi	PLC or WiFi	PLC or WiFi	PLC or WiFi
System Integration	Integration of System and Module	Integration of System and Module	Integration of System and Module	Integration of System and Module
Certificates	CE,EMC,RED,ROHS,EN50549, VDE-0126,VDE-4105,VDE-0124, CEI-021,UL1741,CSA22.2,CEC, AS 4777	CE,EMC,RED,ROHS,EN50549, VDE-0126,VDE-4105,VDE-0124, CEI-021,UL1741,CSA22.2,CEC, AS 4777	CE,EMC,RED,ROHS,EN50549, VDE-0126,VDE-4105,VDE-0124, CEI-021,UL1741,CSA22.2,CEC, AS 4777,ANATEL	CE,EMC,RED,ROHS,EN50549, VDE-0126,VDE-4105,VDE-0124, CEI-021,UL1741,CSA22.2,CEC, AS 4777
Warranty	10 years	10 years	10 years	10 years