



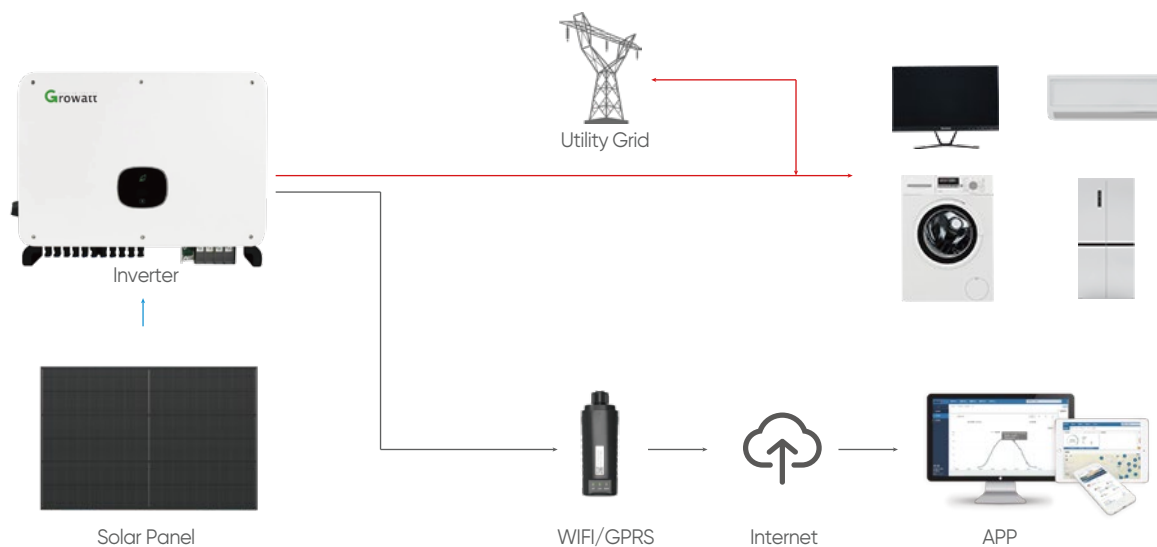
On Grid Solar System

EU Voltage

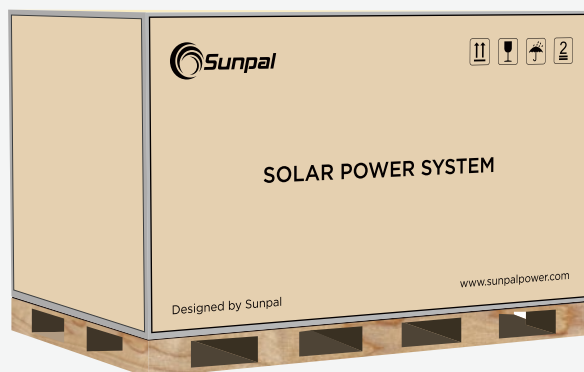
SP-50KW3-ON

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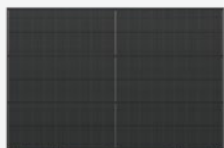
(Residential On Grid Solar System)



SOLAR SYSTEM KIT



Solar Panel



Solar Inverter



Wifi Monitor



PV Cable



MC4 Connector



Mounting Bracket



AC Switch(Optional)



DC Switch(Optional)



PV Module

- Positive power tolerance (0~+5W) guaranteed
- Reduced resistive loss with lower operating current
- Higher energy yield with lower operating current
- Reduced hot spot risk with optimized electrical design and lower operating current

Parameter

Testing Condition	STC
Maximum Power(Pmax/W)	550W
Open Circuit Voltage(Voc/V)	49.64
Short Circuit Current(Isc/A)	14.00
Voltage at Maximum Power(Vmp/V)	40.90
Current at Maximum Power(Imp/A)	13.45
Module Efficiency(%)	21.29



550w

All Black Mono PERC
Solar Panel

Inverter

Parameter

Input Data (DC)

Max. recommended PV power (for module STC)	75000W
MPPT voltage range	200V-1000V
No. of MPP trackers	3
No. of PV strings per MPP tracker	4/3/3

Output data (AC)

AC nominal power	50000W
Nominal AC voltage (range*)	220V/380V, 230V/400V (340-440V)
AC grid frequency (range*)	50/60 Hz (45-55Hz/55-65 Hz)

General Data

Dimensions (W / H / D)	680/508/281mm
Weight	52kg
Topology	Transformerless
Cooling	Natural convection
Protection degree	IP65

- Advanced MPPT with up to 99.9% efficiency
- Up to 6 units in parallel connection
- Easy to install and simple to use
- Supports Li-ion battery BMS communication



MAC 50KTL3 LV

Inverter



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