On Grid Solar System

US Voltage

SP-30KW3-ON

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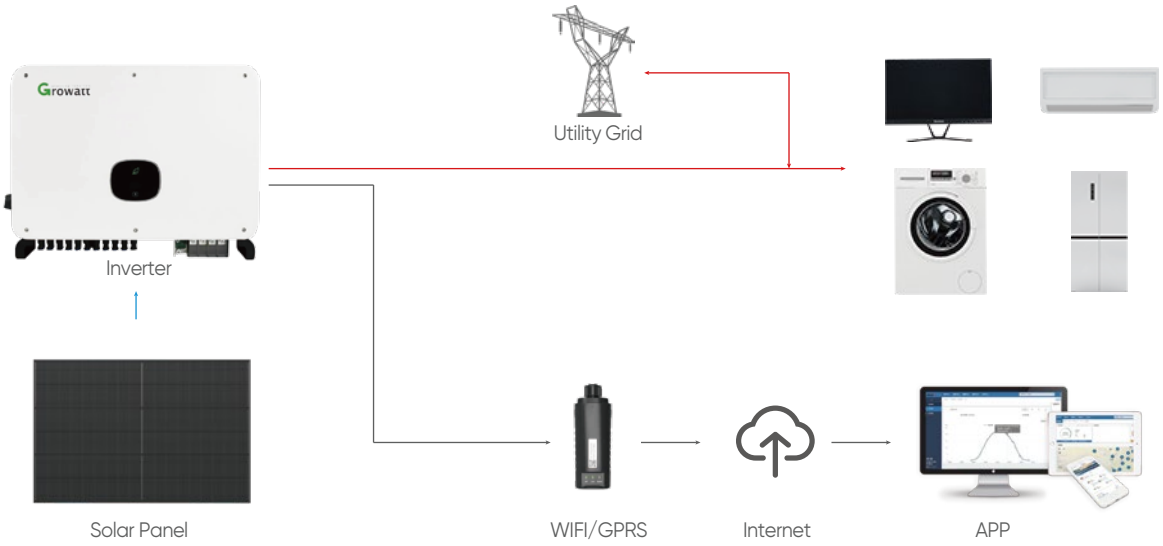
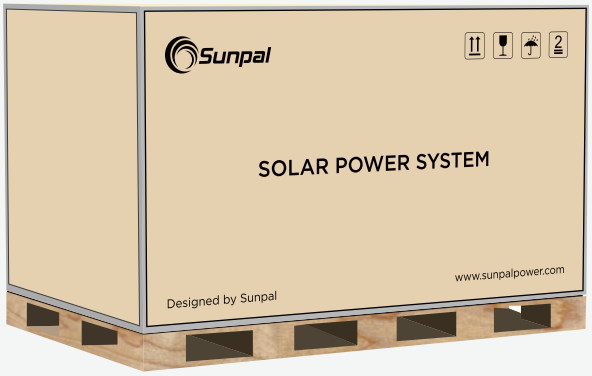
SP-30KW3-ON

(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)	45000W
MPPT voltage range	200V-1000V
No. of MPP trackers	3
No. of PV strings per MPP tracker	4/4/4
Output data (AC)	
AC nominal power	30000W
Nominal AC voltage（range*）	127V/220V three-phase
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 30KTL3 LV

Inverter

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