



US VOLTAGE

on grid solar system

20KW residential solar with 3-phase inverter
cuts bills, boosts renewable output.

MT-20KW3-ON

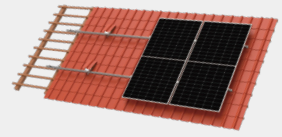
Solar System Kit



WOODEN BOX



solar panel



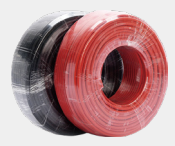
Mounting Bracket



solar inverter



Wifi Monitor



PV Cable



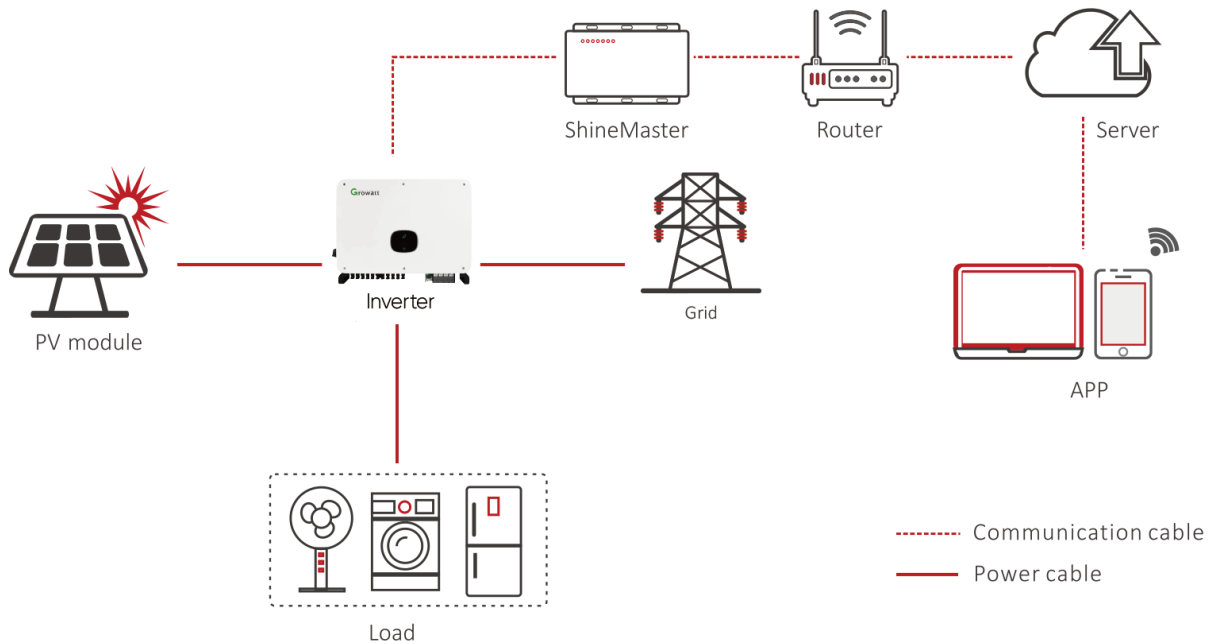
MC4 Connector



AC/DC Switch(Optional)



PV-TOOL



PV Modules

Parameter

Testing Condition	STC
Maximum Power(Pmax/W)	440W
Open Circuit Voltage(Voc/V)	39.44
Short Circuit Current(Isc/A)	14.27
Voltage at Maximum Power(Vmp/V)	32.45
Current at Maximum Power(Imp/A)	13.56
Module Efficiency(%)	22.53

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



Inverter

Parameter

Input Data (DC)

Max. recommended PV power	30000W
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	20000W
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

220V Three Phase Solution; High efficiency up to 98.8%;
Local WiFi configuration; AC&DC type II SPD



