



3.5kW

DATASHEET	MPPT SOLAR INVERTER 220V / 230VAC OUTPUT
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	7000VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@>=140% load; 10s@100%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27.0VDC
OverCharge Protection	28.2VDC
Charging Method	CC / CV
Lithium Battery Activation	Yes
Lithium Battery Communication	YES(RS485)
SOLAR CHARGER & AC CHARGER	
Max.PV Array Power	1500W
Max.PV Array Open Circuit Voltage	160VDC
PV Array MPPT Voltage Range	30VDC~160VDC