



10K Solar Hybrid Inverter Specs

Inverter Output	
Rated Output Power	10,000W
Max Peak Power	20,000W
Rated Output Voltage	120/220VAC (Split phase/Single phase)
Rated AC Frequency	50/60Hz
Switch Time	10ms(typical)

PV Input	
MPPT Channel Number	2
Maximum Input Power	11,000W
Maximum Input Current	22/22A
Max Open Circuit Voltage	500VDC
MPPT Operating Voltage	125-145VDC
MPPT Tracking Efficiency	99.9%
Efficiency of Battery	92%

Mains/Generator Output	
Rated Output Power	90-140 VAC
Max Peak Power	50/60Hz
Rated Output Voltage	63A



Dimensions

2x1.4x.04ft

Noise

<60dB

Embedded Interfaces

RS485/CAN/USB/Dry Contact

Operating Temperature Range

-10~55°C, >45°C derated
(14~131°F, >113°F derated)

Certifications

IEC62109-1, IEC62109-2, UL1741, EN61000-6, EN61000-6-3, FCC 15 class B, RoHS compliant



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Battery	
Battery Type	Li-Iron / Lead-Acid
Rated Battery Voltage	48VDC
Voltage Range	40-60VDC
Max MPPT Charging Current	200A
Max Mains/ Generator Charging Current	120A
Max Hybrid Charging Current	200A