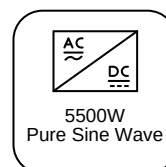


IPV SOLAR



LW5K5-48

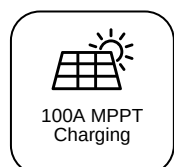
Solar MPPT Hybrid Inverter



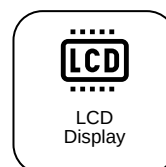
5500W
Pure Sine Wave



No Battery
Operation



100A MPPT
Charging



LCD
Display

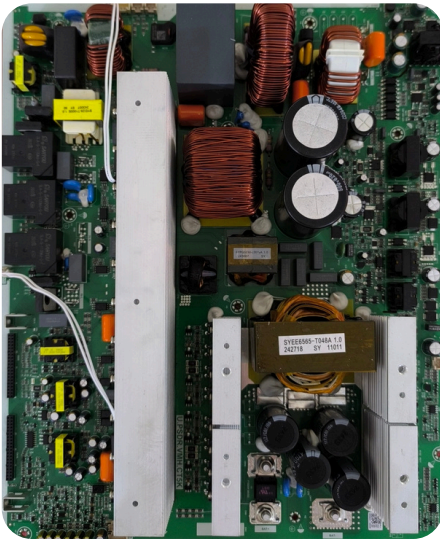


WIFI
Communication



Built-in USP
Function

TECHNICAL INFORMATION



- **Integrated System Reliability**

All-in-one modular architecture eliminates interconnection losses, delivering 99.6% system stability across varying environmental conditions.

- **Extended Service Life**

Double-sided conformal coating (IPC-CC-830B compliant) provides comprehensive protection against moisture, dust, and corrosion, extending MTBF by 30%.

- **Uncompromised Performance**

Full-load continuous operation capability with <1% THD maintains 100% rated power output across 25°C-55°C operating range.

Technical Information

Model	LW5K5-48
Rated Power	5500W/5500VA
Peak Power	Bypass 8800VA
AC Input Voltage	220Vac, 50/60Hz+0.1%
AC Output Voltage	208Vac/220Vac/230Vac/240Vac+5%
Peak Efficiency (Battery Mode)	94%@48VDC
Rated Battery Voltage	48VDC / 51.2VDC
PV Max Input Current	18A
PV Max Input Power	6000W
PV Input Voltage Range	120-500VDC
MPPT Tracking Range	120-430VDC
Max AC Charging Current	80A
Max PV Charging Current	100A
MPPT Tracking Efficiency	99.5% Max
WIFI Communication	Supported
Battery Communication	Supported
Package Size	522*388*180 mm
Product Gross Weight	10 KG
20'GP Loading Quantity	865 Pcs
40'HQ Loading Quantity	1990 Pcs