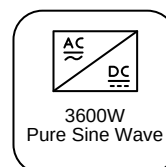


IPV SOLAR



LW3K6-24

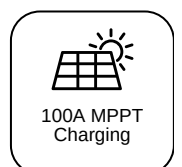
Solar MPPT Hybrid Inverter



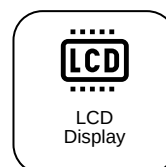
3600W
Pure Sine Wave



No Battery
Operation



100A MPPT
Charging



LCD
Display

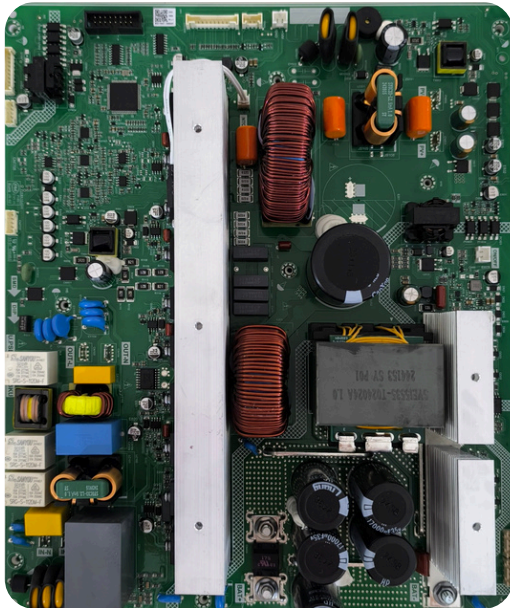


WIFI
Communication



Built-in USP
Function

TECHNICAL INFORMATION



- **Enhanced Thermal Management**

Flat-type transformer design improves heat dissipation efficiency by 50%, ensuring stable operation under high-load conditions.

- **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	LW3K6-24
Rated Power	3600W/3000VA
Peak Power	Bypass 4400VA
AC Input Voltage	220Vac, 50/60Hz±0.1%
AC Output Voltage	208Vac/220Vac/230Vac/240Vac±5%
Peak Efficiency (Battery Mode)	92.7%@24VDC
Rated Battery Voltage	24VDC / 25.6VDC
PV Max Input Current	18A
PV Max Input Power	5000W
PV Input Voltage Range	40-500VDC
MPPT Tracking Range	40-450VDC
Max AC Charging Current	100A
Max PV Charging Current	100A
MPPT Tracking Efficiency	99.5% Max
WIFI Communication	Supported
Battery Communication	Supported
Package Size	491*366*168 mm
Product Gross Weight	7.7 KG
20'GP Loading Quantity	1040 Pcs
40'HQ Loading Quantity	2400 Pcs