

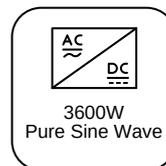


LW3K6-24-Pro

Solar MPPT Hybrid Inverter



Built-in PV Combiner Box



3600W
Pure Sine Wave



No Battery
Operation



100A MPPT
Charging



LCD
Display



WIFI
Communication



Built-in USP
Function

TECHNICAL INFORMATION

Built-in PV Combiner Box Function

- All-in-One Solar Integration – Save Time & Money**

Built-in PV combiner box eliminates complex wiring, cutting installation steps by 50% and reducing system costs by 30% for instant energy independence.

- Military-Grade Safety Shield**

Triple-layer protection with 63A voltage/current guardians + 40kA surge defense (AC/DC) – sleeps soundly during storms or grid chaos.

- Smart Power Fortress**

Industrial-strength circuit breakers (150A battery/63A AC/25A PV) auto-detect threats, stopping disasters before they start.

Built-in PV Combiner Box Parameters

Undervoltage Protector	63A
Surge Protector	40KA
AC Breaker (AC Input)	63A
AC Breaker (AC Output)	63A
Battery Breaker	150A
PV Breaker	25A
PV DC Surge Protector	20-40KA

Technical Information

Model	LW3K6-24 Pro
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	585*415*211 mm
Product Gross Weight	11.6 KG
20'GP Loading Quantity	615 Pcs
40'HQ Loading Quantity	1397 Pcs