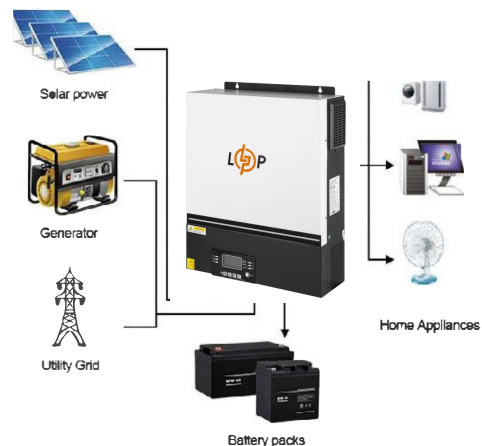


Max Series

High Frequency Solar Inverter



Main Features

- Customizable status LED bar with RGB lights
- Built-in WiFi for mobile monitoring (Android/iOS App are available) Support USB on the go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232) Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization Selectable high power charging current
- Selectable input voltage range for home appliance and personal computers Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on Parallel operation up to 6 units only available for 7.2kVA



Technical Specifications:

| Model | LPW-HY-Max 3600 | LPW-HY-Max 7200 / LPW-HY-Max 8000 | LPW-HY-Max 6500 |
|---------------------------------------|---|-----------------------------------|---|
| Parallel | 3600VA / 3600W | 7200VA / 7200W 8000VA / 8000W | 6500VA / 6500W |
| Capacity | No | Yes, 6 units | Yes, 6 units |
| INPUT | | | |
| Selectable Voltage Range | 230 VAC | | 120 VAC |
| Frequency Range | 170-280 VAC (For Personal Computers); 90-280 VAC (For Home Appliances) | | 90-140 VAC (For Personal Computers) 80-140 VAC (For Home Appliances) |
| OUTPUT | | | |
| AC Voltage Regulation (Batt. Mode) | 230 VAC ± 5% | | 120 VAC ± 5% |
| Surge Power | 7500VA | 15000VA | 15000VA |
| Efficiency (Peak) | 90%~93% | | |
| Transfer Time | 15ms (For Personal Computers) 20ms (For Home Appliances) | | |
| Waveform | Pure sine wave | | |
| No Load Power Consumption | <45W | <70W | <70W |
| BATTERY | | | |
| Battery Voltage | 24 VDC | 48 VDC | 48 VDC |
| Floating Charge Voltage | 27 VDC | 54 VDC | 54 VDC |
| Overcharge Protection | 33 VDC | 66 VDC | 66 VDC |
| SOLAR CHARGER & AC CHARGER | | | |
| Solar Charger type | MPPT | | |
| Max. PV Array Open Circuit Voltage | 500VDC | 500VDC | 250VDC |
| MPP Range @operating Voltage | 120~450VDC | 90~450VDC | 90~230VDC |
| Max. PV Array Power | 4000 W | 8000 W (4000 W x2) | 8000 W (4000 W x2) |
| Max. Solar Charge Current | 80 A | 80 A | 120A |
| Max. AC Charge Current | 80 A | 80 A | 120A |
| Max. Charge Current | 80 A | 80 A / 120 A | 120A |
| PHYSICAL | | | |
| Dimension, D x W x H (mm) | 147.4 x 432.5 x 553.6 | | |
| Net Weight (kgs) | 14.1 | 18.4 | |
| Communication Interface | USB/RS232/RS485/WIFI/Dry-contact | | |
| ENVIRONMENT | | | |
| Humidity | 5% to 95% Relative Humidity (Non-condensing) | | |
| Operating Temperature | -10° C to 50° C | | -10° C to 40° C |
| Storage Temperature | -15° C to 60° C | | |