

# PORTABLE ALL-IN-ONE SOLAR GENERATOR



Portable All-In-One Solar Generator

Standard Generator

ONE OF  
THE MOST  
POWERFUL ON  
THE MARKET



VS



## SERIOUS POWER. WHEREVER YOU NEED IT.

Built for mobility and unmatched performance, this high-capacity solar power generator delivers up to **33 amps of clean, reliable energy**—making it one of the most powerful units available. **With 5kWh of onboard storage**, it's built to handle serious power demands. Whether you're running a mobile business, working off-grid, traveling in an RV, or preparing for emergencies, this unit keeps your devices powered when grid access isn't an option.

### FEATURES

#### PowerBox

- **Multi-Device Support** - Run tools, appliances, and equipment from 20A and 30A outlets
- **Back Up Power Source** - Automatically switches to battery power when grid power is lost
- **Flexible Recharging** - Large solar panel input, grid power, or both
- **LCD Monitoring Screen** - Get real-time power data at a glance
- **Ready to Roll** - Durable wheels and a built-in handle make transport effortless
- **Outdoor Use** - Splashproof/ Rain Resistant
- **Optional 5kWh of additional battery power for the AIO-5KWH4KW**
- **Warranty** - 3 years for electronics

#### Battery

- **Lifetime Warranty** - Up to 3500 cycles
- **Premium LiFePo4 Battery** - High-output lithium power built to last
- **Recharge fully depleted battery in less than 3 hours**
- **Maintenance free**
- **Expandable** - optional 5kWh of additional battery power for the AIO-5KWH4KW. Combined to TOTAL = 10KW!

### MOBILE POWER FOR EVERY SITUATION

Whether you're operating a mobile business, heading out in your RV, managing a field operation, or responding to emergencies, this box travels where you do—and delivers clean, dependable power on demand. And if you've got space for solar panels, they will keep the All-In-One battery charged, by the sun, wherever the road takes you.



#### Part Numbers:

AIO-3KWH3600W: 30 Amp Output, 3.1 kWh

AIO-5KWH4KW: 33 Amp Output, 5.04 kWh

AIO-5KWHBAT: Extra Battery for AIO-5KWH4KW

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APPROACHING 3 DECADES OF EXCELLENCE



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Digital Display



USB Type A & C, 20A & 30A Outlets



Inputs & Breaker



## SPECIFICATIONS

OUTPUT	AIO-3KWH3600	AIO-5KWH4KW
AC OUTPUT VOLTAGE	100~120Vac	
CONTINUOUS POWER	3600 Watts - 30 Amps AC	4000 Watts - 33 Amps AC
PEAK POWER (Do not use this for equipment start up)	7000 Watts - 58 Amps	
FREQUENCY	60 Hz	
USB-A OUTPUT	5V/3A; 9V/1.8A; 12V/1.5A (18W Max)	
USB-C OUTPUT	5V/3A; 7V/2.4A; 9V/1.8A; 12V/1.5A	
INPUT		
AC CHARGE (wall)	90~140Vac 16A Max 1800W Max	
SOLAR	12~150Vdc 15A Max 2100W Max	
AUTOMATIC TRANSFER SWITCH AC	15 AMPS - 1800 Watts	
POWER BACKUP FUNCTION (EPS)	1800 Watts Max	
AC OUTPUT DURING CHARGE	Yes. Bypass /AC out priority, then charge.	
BATTERY		
RATED CAPACITY	3072 Wh	5040 Wh
RATED VOLTAGE	51.2 Vdc	
BATTERY TYPE	LiFePO4 - Prismatic	
CHARGE TIME	Less than 3 Hours	
WARRANTY	Battery: Lifetime Tech Support & Warranty (<3500 cycles)	
PROTECTIONS		
OVER LOAD	Yes	
SHORT CIRCUIT	Yes	
SURGE	Yes	
OVER TEMP	Yes	
BREAKER	Yes - External	
OTHER		
IP GRADE	IP54 Water Resistant	
OPERATING TEMPERATURE	0°C~40°C / 32°F~104°F	
DIMENSIONS	31¼" x 13½" x 19¾"	
WEIGHT LBS	140	150
WARRANTY	Electronics: 3 Years	
COMMON DEVICE WATTAGE		
DRILL	700w	
LED CONTRACTOR LIGHTS X2	100w	
HAND GRINDER	450w	
HILTI TE 3000-AVR JACKHAMMER	1350w	
HILTI DD200 DIAMOND CORE DRILL	1800w	
HUSQVARNA K3000	1500w	
MILWAUKEE BATTERY CHARGER	300w	
REFRIGERATOR	700-1000w	
MICROWAVE	1000-1200w	
KEURIG COFFEE MAKER	1500w	