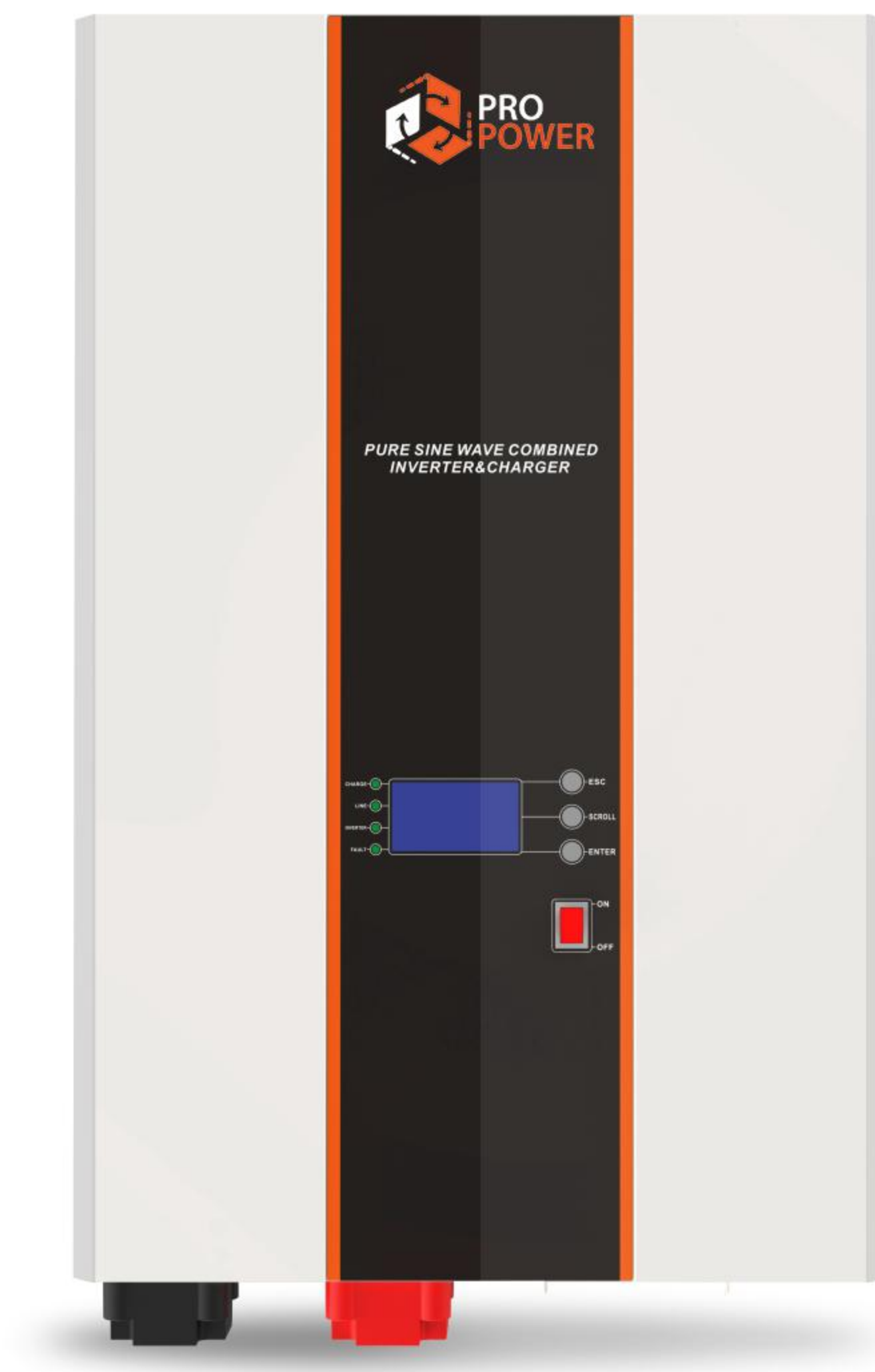


SOLAR INVERTER

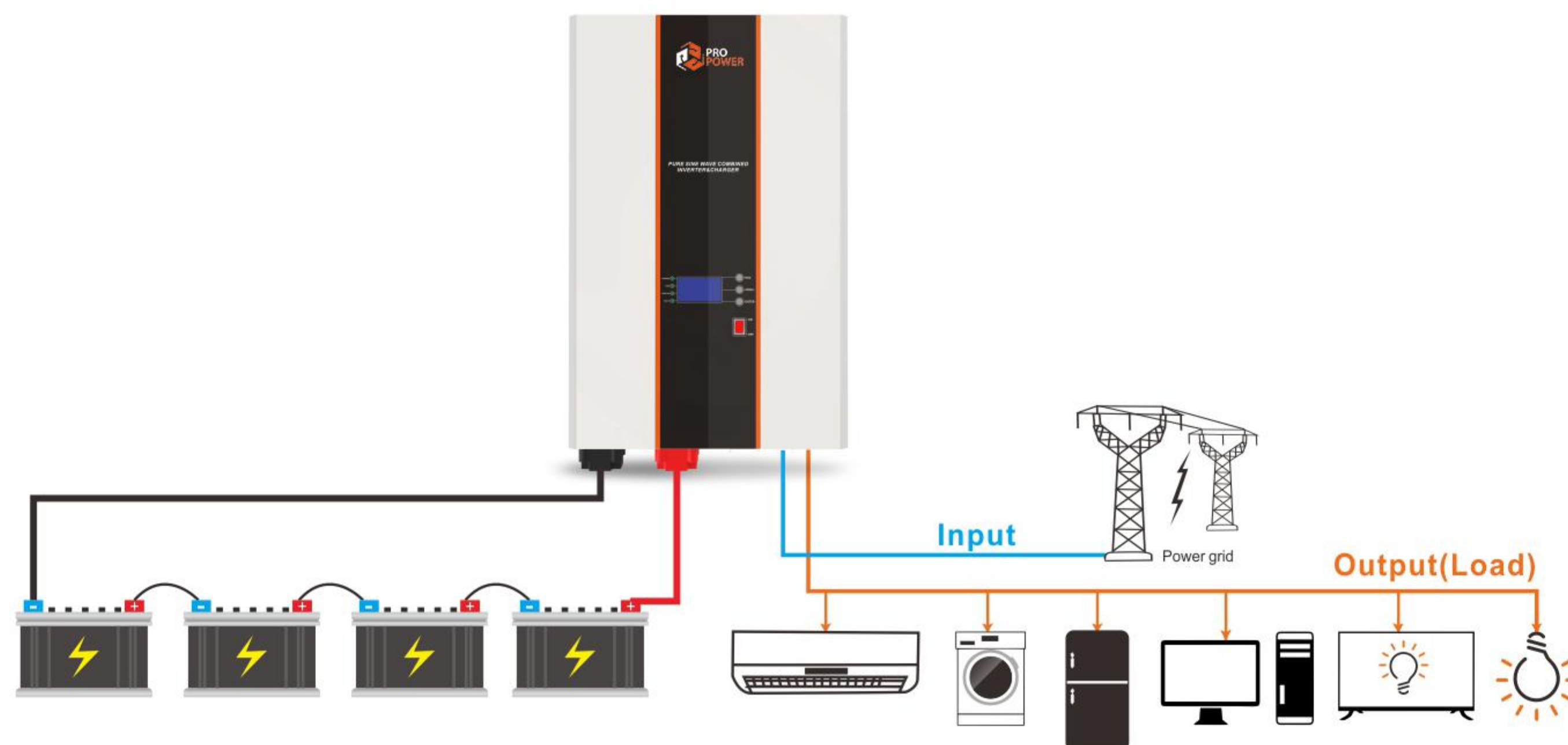
IVPS Series

Upgrade system, Stronger protection



Product Advantages

- Bypass charging function, AC charge available When the unit off.
- 90-280V AC Wide input voltage.
- Grid electricity and battery power priority is optional.
- Higher charging current and adjustable
- Communicate with our MPPT charge controller.
- Intelligent protection, higher class of security.



PRODUCT PARAMETERS

Model	IVPS10048							
Rated Output Power(VA)	10000VA							
Rated Output Power(W)	8000W							
Nominal DC Input Voltage	48V							
Input Voltage Waveform	Sinusoidal(Utility or generator)							
Nominal Input Voltage	220Vac							
Low Line Disconnect	90Vac±7Vac							
Low Line Re-connect AC Input Range	100Vac±7Vac							
High Line Disconnect	280Vac±7Vac							
High Line Re-connect	270Vac±7Vac							
Max AC Input Voltage	280Vrms							
Nominal Input Frequency	50Hz/60Hz							
Output Voltage Waveform	As same as input waveform							
Over-Load Protection(SMPS load)	Air switch protection							
Output Short Circuit Protection	Air switch protection							
Efficiency(Line mode)	≥95% (Rated R load, and battery is fully charged)							
Transfer Time (AC to DC)	15ms (typical)							
Transfer Time (DC to AC)	15ms (typical)							
Pass Through Without Battery	No							
Max Bypass Overload Current	63A							
Utility Charge Mode Specifications								
Nominal Input Voltage	220Vac							
Input Voltage Range	90~280Vac							
Nominal Output Voltage	Dependent on battery type							
Max Charge Current	80A							
Charge Current Regulation	0A~80A							
Battery Initial Voltage	Circuit breaker							
Charger Short Circuit	63A							
Breaker Size	Depends on battery type or Self-defined							
Over Charge Protection	Yes							
Solar Charging & Grid Charging(MPPT built-in controller is optional)								
Max PV Open Circuit Voltage	-	-	-	-	-	-	-	-
PV Voltage Working Range	-	-	-	-	-	-	-	-
Max Input Power	-	-	-	-	-	-	-	-
Max Solar Charging Current	-	-	-	-	-	-	-	-
Max Charging current(Utility + Solar)	-	-	-	-	-	-	-	-
Inverter Mode Specifications								
Output Voltage Waveform	Pure sine wave							
Nominal Output Voltage	220Vac±5%							
Nominal Output Frequency(Hz)	50±0.3Hz/60Hz±0.3Hz (Adjustable)							
Output Voltage Regulation	±5%rms							
Peak Efficiency	90%							
Capable of Starting Electric	Yes							
Output Short Circuit Protection	Yes							
Cold Start Voltage	11.5V/23V/46V							
Low Battery Alarm	Load < 50% ,11.5V/23V/46V / Load ≥ 50% , 11V/22V/44V							
Low Battery Recovery	Load < 50% ,11.75V/23.5V/47V / Load ≥ 50% , 11.5V/23V/46V							
Low DC Input Shut-down	Load < 50% ,10.75V/21.5V/43V / Load ≥ 50% , 10.5V/21V/42V							