

UPS 1600 with Small battery cabinet

The UPS 1600 VA is a pure sine wave inverter with boost charger, installed over a battery bank 24 VDC and around 200 AH capacity.

This UPS system has a continuous power ratings of 1200W (5A) which is enough to run a medium size house for around 4 hours or around 3A continuous load: (for example a 40" TV, refrigerator, 4 Lamps 85W, and various portable electronics). It is a comprehensive solution for electricity loss over a known period.

The UPS 1600 can also handle a load up to 1400 W (6.5A) for 30 minutes, which makes it very suitable for items with high starting current such as fans, old refrigerator

iPower Series

DC-AC Inverter Model

~ Pure Sine Wave **iPS 1600-12**
Battery Bank 200AH **4X6V(200AH)**

Features and performances

- Outstanding efficiency and overload.
- Perfect management and limitation of AC sources.
- Power saving of the consumption peaks.
- Automatic allocation of the power available.
- Automatic protection of the sources against overload.
- Ultra-short transfer time (from 0 to 15ms max.).
- Automatic and efficient stand-by.
- Dim. : 40×19×15 (L×W×H cm), (Inverter)
- Battery Bank Dim.: 46×33×65 (L×W×H cm)



Optional Add On:

Wireless Contactor : is used when you need to install the UPS System away from the mains , so instead on installing wires the wireless contactor will do the job

Box size : 15×12×7 cm (L×W×H)

Ampere Rating : 25 A

Remote Relay : installed along with **Wireless Contactor** to disconnect unnecessary heavy load from power when running on UPS and Automatically connect when on mains

Box Size : 10×7×4 cm (L×H×W)

Ampere Rating : 10 A

Model	iPS 1600-12
Inverter	
Nominal battery voltage	12V
Input voltage range	12 - 17V
Continuous power @ 25°C	1200W
Power 30 min. @ 25°C	1400W
Power 25 sec. @ 25°C	2.4kVA
Maximum load	Up to short-circuit
Maximum efficiency	80%
Consumption OFF/Stand-by/ON	3W / 8W / 70W
Output voltage	Sine wave 220Vac (+/- 2%) / 190-245Vac
Overload and short-circuit protection	Automatic disconnection up to 10 times restart attempt
Overheat protection	Warning before shut - with automatic restart
Battery charger 6 step adjustable : I-U-Uo-Equalize-Uo(low)-U(periodic)	
Charging current adjustable	0 - 30A
Maximum input voltage	265Vac
Input AC voltage range	Adjustable threshold from 150 to 265Vac
Battery control	
Absorption end	By duration 2 / 0.25 - 10 h or by current - / 4 - 30A
Absorption voltage**	14.4 / 9.5 - 17V
Periodic absorption voltage**	9.5 - 17V
Floating voltage**	13.6 / 9.5 - 17V
Reduced floating voltage	9.5 - 17V
Equalization**	By number of cycles (1 - 100) or at set interval (52 weeks)
Equalization end	By duration 4 / 0.25 - 10 h or by current - / 4 - 30A
Deep-discharge protection	10.8 / 9.5 - 17V
Reduced floating time	0 - 32 days
Net Weight	17 Kg (37.5 lbs)
Battery Bank	
Number of Batteries	4 batteries 200AH each
Volt Arrangement	12 V
Battery Brand	Crown – Made in USA
Cabinet Structure	Metal frame with aluminum cladding
Net Weigth	Around 110 Kg

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ROLMAN CENTER 2 - 3RD FLOOR - OLD SAYDA RD

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