

Power

for your cable and communications systems...

Solutions



MD Series Standby Power Supply



- Industry-proven backup power solutions for cable systems in outdoor powering applications
- Line interactive ferro-resonant technology
- Micro-processor controlled clear and regulated quasi-square wave output
- 3.2" color touch-screen display provides very smart & friendly operation
- Intelligent battery management system with temperature compensation
- Excellent input, output and short-circuit protections
- Easily accessible front panel connections
- Hot swappable inverter modules
- Field-selectable output voltage
- Embedded status monitoring
- Low Voltage Directory (LVD) and EMC directory compliance



Optional features (from left to right): Power Inserter, GM Ground Mount Enclosure and PME Pole & Wall Mount Enclosure.

MD Series Standby Power Supply

Nominal Specifications

Model	Input voltage (VAC) ¹	Input frequency (Hz)	Output voltage (VAC)	Output current (A)	Maximum output power (VA)	Battery voltage (VDC)	Runtime (min) ³	Net weight (kg/lbs)
MD-6015-L	220	60	60	15	900	36	220	25/55.7
MD-6015-W	220	50	60	15	900	36	220	25/55.7
MD-6915-L120	120	60	60/90 ²	15/10	900	36	220	25/55.7
MD-6915-W	220	50	60/90 ²	15/10	900	36	220	25/55.7
MD-6922-W	220	50	60/90 ²	22/15	1350	36	220	25/55.7
MD-6922-L120	120	60	60/90 ²	22/15	1350	36	140	28/62
							140	28/62

1. Input voltages of 100VAC 60Hz, 110VAC 60Hz, 115VAC 60Hz, 120VAC 60Hz, 220VAC 60Hz, 230VAC 50Hz and 240VAC 50Hz are available also. Please contact us directly for details.
2. Output voltage of the model is field selectable.
3. Standby times based on single string 100AH batteries at 25°C (77°F) and typical 80% load. Figures may vary according to battery age, capacity & condition, type of load, temperature and other factors.
4. Both input voltage and output voltage can be customized. Please contact us for details.

General Specifications

Input

Voltage range	-20% to 15%
Power factor	>0.90 at full load

Output

Voltage regulation	5%
Waveform	Quasi-square
Frequency stability	± 0.05% inverter mode ± 1% normal mode
Short circuit current	150% of max. current rating
Efficiency	≥90%
Transfer characteristic	4ms

Battery & Charger

Battery type□	Sealed maintenance free VRLA
Charger current	10A at 80% load and nominal input
Charging time	8 hours typical to 90% capacity

Mechanical

Status display	Color touch screen display
Input Interface	IEC320/C20
Output Interface	5/8" F Type & Anderson connectors
Finish	Black powder coating
Dimensions (WHD)	368x210x298mm 14.5" x 8.3" x 11.8"

Environmental

Operating temperature	-40°C to 55°C / -40°F to 131°F
Operating humidity	0 to 95% non-condensing

Optional Features



PI-E1 Power Inserter

- > Dual switchable AC input connections
- > 1000MHz bandwidth performance
- > Single RF interface for transponder
- > Embedded surge protection module



PME Enclosure

- > Pole and wall mount installations
- > Built of durable powder coated aluminum
- > Heavy-duty battery slide tray
- > Optional external breaker box
- > Generator access entry
- > Security lock



GM Enclosure

- > Ground mount installations
- > Built of powder coated cold rolled steel plate
- > Two lockable doors
- > Four movable (up & down) trays
- > Line power breaker
- > Security lock

Fangyuan Electric Apparatus Co., Ltd

Fudong Industrial Park, Shidui, Anqiu, Weifang, P.R.China-262100

Tel: +86-536-4328089 +86-536-4329233 Fax: +86-536-4329121

E-mail: fydq@fydq.com.cn [Http://www.fydq.com.cn](http://www.fydq.com.cn)

FYDQ[®]
www.fydq.com.cn

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