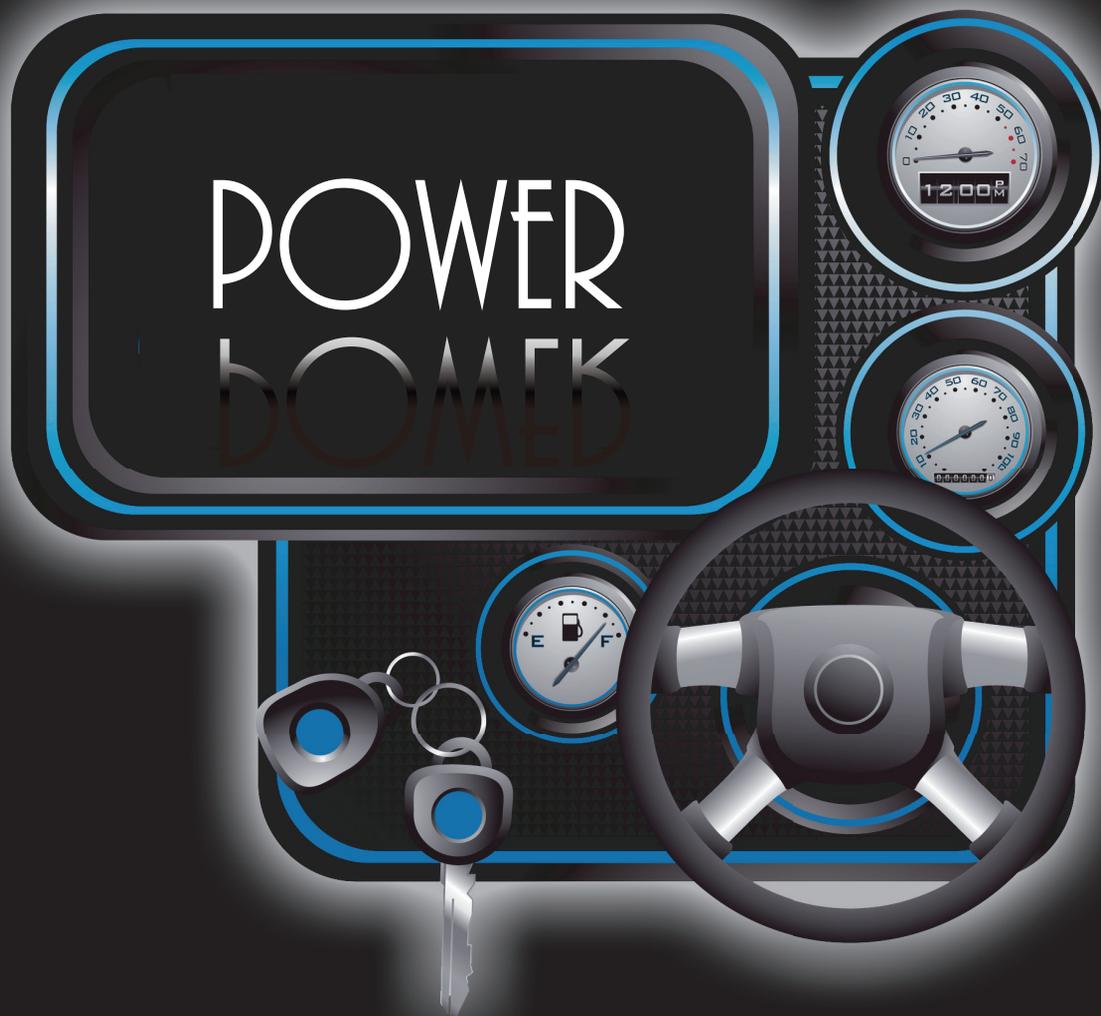


AH Series 150W~5000W

DC/AC Modified Sine Wave Inverter



Power Master
Technology Co., Ltd

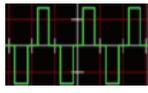
Feature

- ★ Modified sine wave inverter with soft start design. ★ DC/AC isolated.
- ★ Compact size and light in weight. ★ Remote control port for 1000W-5000W.
- ★ LED bar graph display for voltage and load (1000W-5000W).



Specification

| Model No. | PM-A-0150BU | PM-A-0150AHU | PM-A-0350AHU | PM-A-0600AH | PM-A-0800AH | PM-A-1000AH | PM-A-1200AH | PM-A-1500AH | PM-A-2500AH | PM-A-3000AH | PM-A-4000AH | PM-A-5000AH |
|-------------------------------------|---|--------------|-----------------------------|---|-------------|----------------------------|----------------------|-------------|--------------------------|-------------|-----------------------------|-------------|
| Max output continuous | 100W | 150W | 350W | 600W | 800W | 1000W | 1200W | 1500W | 2500W | 3000W | 4000W | 5000W |
| Max surge power | 200W | 300W | 700W | 1200W | 1600W | 2000W | 2400W | 3000W | 5000W | 6000W | 8000W | 10000W |
| AC output voltage | 100V / 110V / 115V / 120Vac or 220V / 230V / 240Vac USB 5Vdc | | | 100V / 110V / 115V / 120Vac or 220V / 230V / 240Vac | | | | | | | | |
| Regulation | ± 5~10% | | | ± 5% | | | | | | | | |
| DC input voltage | 12V : 10~15V, 24V : 20~30V | | | | | | | | | | | |
| Frequency | 50Hz ± 1% / 60Hz ± 1% | | | | | | | | | | 50Hz ± 0.05% / 60Hz ± 0.05% | |
| Efficiency | > 90% | | | > 85% | | | | | | | | |
| No load current draw | < 0.25A | | < 0.3A | 12V : < 0.6, 24V : < 0.4 | | 12V : < 0.45, 24V : < 0.35 | | | 12V : < 0.7, 24V : < 0.5 | | | |
| Temperature protection | 60°C ± 5°C | | | | | | | | | | | |
| Input low voltage alarm & shut-down | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Input high voltage protection | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Overload protection | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Input reverse protection | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Output short circuit protection | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Soft Start | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| DC & AC isolated | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Auto temperature control fan | X | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Remote control interface | X | X | X | X | X | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Dimensions (L × W × H) mm | Φ66×150 | 116×97×55 | 173×97×55 | 200×178×83 | 330×200×80 | 330×200×80 | 330×200×80 | 410×210×80 | 405×175×140 | 405×175×140 | 500×169×152 | 500×169×152 |
| Net weight (kgs) | 0.43 | 0.55 | 0.70 | 2.00 | 3.00 | 3.10 | 3.10 | 3.50 | 6.00 | 6.40 | 10.80 | 13.25 |
| Accessories | Cigar plug | | Cigar plug & Alligator clip | DC Cable with Alligator Clip | | | DC Cable with O-ring | | | | | |



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