

# DC/AC Power Inverter

*AH Series (150W~5000W)*

<http://www.powermaster.com.tw>



## Power Master Technology Co., Ltd

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# DC / AC Power Inverter

Model No.	PM-A-0150AH	PM-A-0350AH	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
Output power continuous	150W	350W	600W	800W	1000W	1200W	1500W	2500W	3000W	4000W	5000W
Instant Surge	300W	700W	1200W	1600W	2000W	2400W	3000W	5000W	6000W	8000W	10000W
Standby Current	< 0.2A	< 0.2A	< 0.3A	< 0.4A	< 0.4A	< 0.4A	< 0.4A	< 0.6A	< 0.6A	< 0.7A	< 0.7A
DC Input Voltage	12V: 10~15V or 24V: 20~30V										
AC Output Voltage	100V/110V/115V/120Vac or 220V/230V/240Vac										
Regulation	±5%										
Output frequency	50Hz or 60Hz ±0.05%										
Efficiency	> 85%										
Low Battery Alarm	12V: < 10.5V ± 0.5VDC or 24V: < 21.5V ± 0.5VDC										
Low Battery Shut-Down	12V: < 10.0V ± 0.5VDC or 24V: < 20.0V ± 0.5VDC										
Over Heating Protection	Alarm: > 60°C & Shut-Down: > 65°C										
Over Load Alarm	> 150W	> 350W	> 600W	> 800W	> 1100W	> 1200W	> 1500W	> 2500W	> 3000W	> 4000W	> 5000W
Over Load Shut-Down	> 200W	> 400W	> 700W	> 950W	> 1300W	> 1300W	> 1700W	> 2700W	> 3200W	> 4400W	> 5500W
Input Low Voltage Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Soft Start	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DC/AC Isolated	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AVR Design	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Short Circuit Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Temperature Control Fan	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote Control Interface	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reverse Polarity Protection	Yes (By Fuse)										
Dimensions (L x W x H mm)	115 * 105 * 62	190 * 102 * 63	200 * 178 * 83	280 * 178 * 83	300 * 195 * 83	300 * 195 * 83	360 * 195 * 83	360 * 169 * 152	360 * 169 * 152	500 * 169 * 152	500 * 169 * 152
Gross weight (by Kg/s)	0.70	0.80	2.00	2.60	3.10	3.10	3.50	6.90	6.90	10.80	10.80
Accessory	Cigar Plug	Cigar Plug & Alligator Clip	DC Cable with Alligator Clip				DC Cable with O-ring				
Output Waveform (Modified sine wave)											



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