

POWER MAX

POWERMAX CONVERTERS & BATTERY CHARGERS

PM3-24V SERIES



Battery Chargers
UL- CUL approved
Built-in 3 stage charging
2 year warranty
quiet fan cooling
overtemp protection
reverse polarity protection



Part Number	PM3-20-24	PM3-30-24	PM3-40-24	PM3-50-24
DC Output Voltage (No Load) approx.	27.2V (DC)	27.2V (DC)	27.2V (DC)	27.2V (DC)
Output Voltage Tolerance (No Load) approx.	+or - .7%	+or - .7%	+or - .7%	+or - .7%
Output Amperage, Max Continuous	20 Amps	30 Amps	40 Amps	50 Amps
Output Voltage (Full Load) approx.	>27.2V (DC)	>27.2V (DC)	>27.2V (DC)	>27.2V (DC)
Maximum Power Output, Continuous	545 Watts	820 Watts	1120 Watts	1460 Watts
Three Stage	26.4/27.2/29.2 V9DC)	26.4/27.2/29.2 V9DC)	26.4/27.2/29.2 V9DC)	26.4/27.2/29.2 V9DC)
Input Voltage Range	105-135 AC	105-135 AC	105-135 AC	105-135 AC
Input Voltage Frequency	47-63	47-63	47-63	47-63
Maximum AC Current @ 108VAC	7 Amps	7 Amps	9 Amps	12 Amps
Typical Efficiency	>85%	>85%	>85%	>85%
Max Inrush Current, Single Cycle	40 Amps	40 Amps	40 Amps	40 Amps
Short Circuit Protection	YES	YES	YES	YES
Overload Protection	>100%	>100%	>100%	>100%
Line Regulation	100 mV rms	100 mV rms	100 mV rms	100 mV rms
Load Regulation	<1.0%	<1.0%	<1.0%	<1.0%
Fan Control	Proportional	Proportional	Proportional	Proportional
Thermal Protection	Yes	Yes	Yes	Yes
Working Temperature Range	0-45C	0-45C	0-45C	0-45C
Storage Temperature	-20 to 80C	-20 to 80C	-20 to 80C	-20 to 80C
Withstand voltage	1240V @ Leads	1240V @ Leads	1240V @ Leads	1240V @ Leads
Dimensions	5x10.5x4	5x10.5x4	5x10.5x4	7.15x11.5x3.48
Weight	9.0 Lbs	9.0 Lbs	9.0 Lbs	9.0 Lbs