

For product and purchase inquiries contact:

ecoDIRECT

CLEAN ENERGY SOLUTIONS

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POWER MAX

specifications

PM-35		PM-45		PM-55		PM-75	
DC Output Voltage (No Load) approx.	13.6V (DC)	DC Output Voltage (No Load) approx.	13.6V (DC)	DC Output Voltage (No Load) approx.	13.6V (DC)	DC Output Voltage (No Load) approx.	13.6V (DC)
Output Voltage Tolerance (no + or – Load)	+ or – .7%	Output Voltage Tolerance (No Load)	+ or – .7%	Output Voltage Tolerance (No Load)	+ or – .7%	Output Voltage Tolerance (No Load)	+ or – .7%
Output Amperage, Max Continuous	32 Amps	Output Amperage, Max Continuous	45 Amps	Output Amperage, Max Continuous	55 Amps	Output Amperage, Max Continuous	75 Amps
Output Voltage (Full Load) approx.	>13.4V (DC)	Output Voltage (Full Load) approx.	>13.4V (DC)	Output Voltage (Full Load) approx.	>13.4V (DC)	Output Voltage (Full Load) approx.	>13.4V (DC)
Maximum Power Output, Continuous	430 Watts	Maximum Power Output, Continuous	600 Watts	Maximum Power Output, Continuous	780 Watts	Maximum Power Output, Continuous	1065 Watts
Input Voltage Range	105-135 AC	Input Voltage Range	105-135 AC	Input Voltage Range	105-135 AC	Input Voltage Range	105-135 AC
Input Voltage Frequency	47-63	Input Voltage Frequency	47-63	Input Voltage Frequency	47-63	Input Voltage Frequency	47-63
Maximum AC Current @ 108VAC	10 Amps	Maximum AC Current @ 108VAC	10 Amps	Maximum AC Current @ 108VAC	12 Amps	Maximum AC Current @ 108VAC	12 Amps
Typical Efficiency	>85%	Typical Efficiency	>85%	Typical Efficiency	>85%	Typical Efficiency	>85%
Max Inrush Current, Single Cycle	40 Amps	Max Inrush Current, Single Cycle	40 Amps	Max Inrush Current, Single Cycle	40 Amps	Max Inrush Current, Single Cycle	40 Amps
Short Circuit Protection	Yes	Short Circuit Protection	Yes	Short Circuit Protection	Yes	Short Circuit Protection	Yes
Overload Protection	>100%	Overload Protection	>100%	Overload Protection	>100%	Overload Protection	>100%
Line Regulation	100mV rms	Line Regulation	100mV rms	Line Regulation	100mV rms	Line Regulation	100mV rms
Load Regulation	<1.0%	Load Regulation	<1.0%	Load Regulation	<1.0%	Load Regulation	<1.0%
Fan Control	Proportional	Fan Control	Proportional	Fan Control	Proportional	Fan Control	Proportional
Thermal Protection	Yes	Thermal Protection	Yes	Thermal Protection	Yes	Thermal Protection	Yes
Working Temp Range	0-45C	Working Temp Range	0-45C	Working Temp Range	0-45C	Working Temp Range	0-45C
Storage Temp	-20 to 80C	Storage Temp	-20 to 80C	Storage Temp	-20 to 80C	Storage Temp	-20 to 80C
Withstand Voltage	1240V @ leads	Withstand Voltage	1240V @ leads	Withstand Voltage	1240V @ leads	Withstand Voltage	1240V @ leads
Dimensions	7.15x10.5x3.45	Dimensions	7.15x10.5x3.45	Dimensions	7.15x10.5x3.45	Dimensions	7.15x10.5x3.45
Weight	5.0lbs	Weight	5.0lbs	Weight	5.0lbs	Weight	5.0lbs