

MPS-E Series

Automatic Protection Power Supply (Toroidal Transformer)

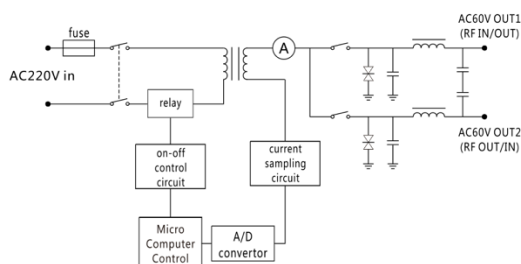
STARSHINE

Models	MPS-E-6006A	MPS-E-6010A	MPS-E-9010A
Input			
Voltage	220 VAC	220 VAC	120 VAC
Voltage Range	+ / - 15%		
Frequency	50 Hz		
Protection	Fuse (5A)	Fuse (5A)	Fuse (8A)
Power Factor	≥ 0.9(full load)		
Output			
Voltage	60 VAC	60 VAC	90 VAC
Waveform	Quasi-square		
Current	6A	10A	10A
Power	360 VA	600 VA	600 VA
Voltage Regulation	+/- 5%		
Protection	Current limited		
Short Current	150 % of max. current rating		
Efficiency	≥ 85%		
Embedded Power Inserter			
Bandwidth	1000MHz		
Flatness	+/- 0.75 dB		
Insertion Loss	1.5 dB @1000MHz		
Return Loss	-16dB		
Time Delay Relay			
Initialization	10s (selectable, TDR is an optional feature)		
Mechanical			
Input Connection(s)	Terminal block		
Output Connection(s)	5/8" female		
Enclosure Material	Aluminum		
Finish	Powder coating		
Dimensions	250 x 188 x 174mm		
Environmental			
Operating Temperature	- 40°C to 55°C		
Humidity	0 to 95% non-condensing		



1. More voltage configurations may be available. Please download the datasheet or contact us directly for more details.
2. Due to continuing improvements, the product is subject to change without prior notice.

Block Diagram



- * High performance toroidal transformer provides no noise and high efficiency operation
- * Input and output protection, lightning surge protection
- * Current limited output and short-circuit protection
- * Automatic restart upon removal of short
- * Field selectable output voltages ¹
- * Powder coated enclosure for outdoor applications
- * Pole & wall mount installations
- * 5/8" female output connection
- * Easy reading ammeter
- * Durable LED indicator
- * Optional Time Delay Relay (TDR)
- * Embedded Power Inserter (EPI)

¹ These features are only available on certain models.