



MVHR POWER SUPPLIES 50 - 150W






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Features

- Single output 50-140Watt @ 24Vdc open frame Power Supplies (6 models)
- Specifically designed for MEV / MVHR applications intended to meet SAP Appendix Q
- High “Flat” Efficiency > 92% Average 25-100% load (Exceeds ErP requirements)
- Certified or CE marked to EN 60335-1
- Very Low No Load / Standby Power <0.2W
- High MTBF
- Open Frame Class I (Earthed) or Class II (No Earth)
- Protection for Over-voltage and Over-temperature
- Optional adjustable Constant Current output control
- Wide operating temperature range
- Meets requirements of Class A Harmonic Input Currents of EN 61000-3-2
- Meets the EMC requirements for Emissions and Immunity of EN 61000-6-2 & 3
- Optional 1 or 2 switched live output signals

		 Configuration: <i>Note: Alternative configurations available</i>					
		M 50-24V	M 75-24V	M 100-24V	M 101-24V	M 120-24V	M 140-24V
Output Power		50W	75W	100W	100W	120W	140W
Output Current		2.08A	3.13A	4.17A	4.17A	5A	5.83A
Option - Constant Current		N/A	N/A	2.08 - 4.59A	2.08 - 4.59A	2.5 - 5.5A	3.5 - 6.4A
Input Current - Maximum		500mA	750mA	1A	1A	1.2A	1.4A
Fusing - 250V HRC 5x20mm		T1.6A	T1.6A	T3.15A	T3.15A	T3.15A	T5A
Option - Switched Live Signal		N/A	N/A	Impedance Protected	Single or Twin Impedance Limited	Impedance Protected	Impedance Protected
EN 60335-1 Safety		Self Certified	Self Certified	Certified	Self Certified	Certified	Self Certified
Size (mm)		127 x 64 x 35	127 x 64.8 x 35	127 x 76.2 x 37	127 x 76.2 x 37	127 x 76.2 x 42	127 x 101.2 x 34
Size (in)		5 x 2.55 x 1.38	5 x 2.55 x 1.38	5 x 3 x 1.46	5 x 3 x 1.46	5 x 3 x 1.65	5 x 4 x 1.34
Fixings (mm)		116.9 x 54.6	116.9 x 54.6	115.6 x 64.8	115.6 x 64.8	115.6 x 64.8	115.6 x 90.2
Mains Connector		2 way Screw 0.3" pitch Rising Clamp Accepts wire up to 12AWG	2 way Screw 0.3" pitch Rising Clamp Accepts wire up to 12AWG	4 Way Barrier Screw Terminal 0.375" pitch Accepts ¼" ring or fork crimp	6 way Screw 0.3" pitch Rising Clamp Accepts wire up to 12AWG	4 Way Barrier Screw Terminal 0.375" pitch Accepts ¼" ring or fork crimp	4 Way Barrier Screw Terminal 0.375" pitch Accepts ¼" ring or fork crimp
Output Connector		2 way Screw 0.3" pitch Rising Clamp Accepts wire up to 12AWG	2 way Screw 0.3" pitch Rising Clamp Accepts wire up to 12AWG	3 way Screw 0.3" pitch Rising Clamp Accepts wire up to 12AWG	4 way Screw 0.3" pitch Rising Clamp Accepts wire up to 12AWG	3 way Screw 0.3" pitch Rising Clamp Accepts wire up to 12AWG	3 Way Barrier Screw Terminal 0.375" pitch Accepts ¼" ring or fork crimp

