

MS-60-12 & MS-60-24

12VDC 5 Ampere or 24 VDC 2.5 Ampere Power Supplies



12VDC or 24VDC Modules for fitting into 3rd party equipment



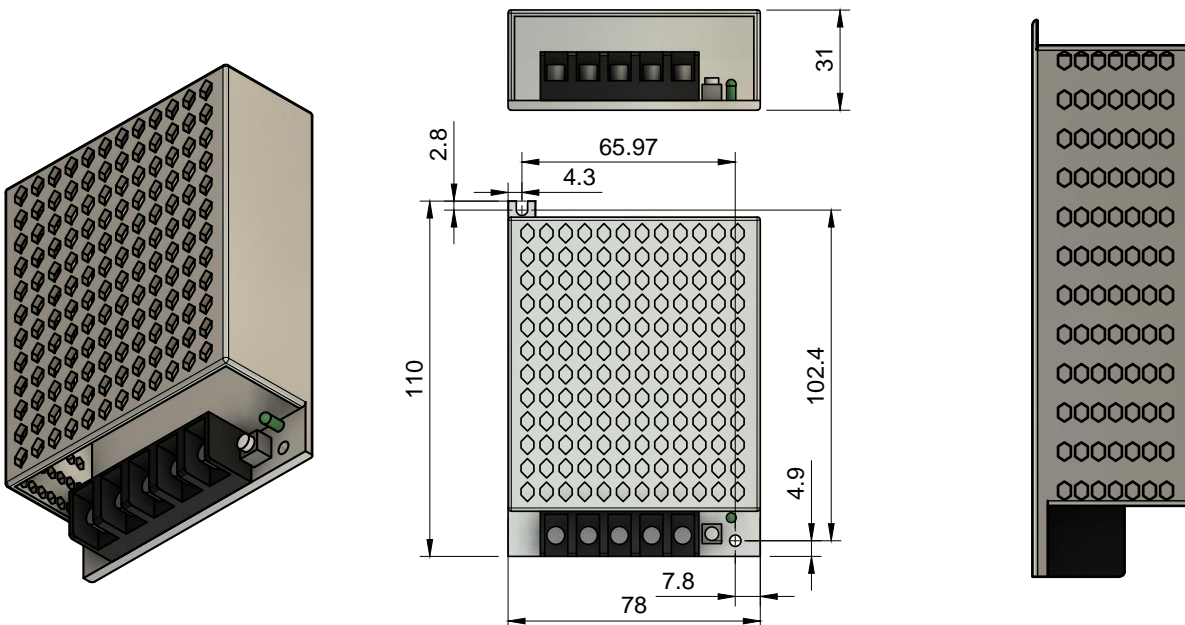
Both 12VDC & 24VDC versions are also available fitted in a steel Dycon AA-box



Dycon AA-box with hinged lid

- Universal AC input 90 to 264 VAC
- Protections; short circuit/overload/over voltage
- LED MAINS-OK indicator
- 5A at 12VDC: 2.5A at 24VDC
- Low-profile aluminium case & cover
- Suitable AA housing is also available

The MS-60-12 and SC-60-24 are compact power supplies featuring very low ripple and noise, this unit is suitable for powering a range of security equipment, including access control devices. The power supplies can be supplied as module, for installing in 3rd party equipment or, ready-fitted into an attractive Dycon steel AA-box.



DYCON
power solutions

12VDC & 24VDC 60W Power Supplies

Specifications

Dycon Model No.		MS-60-12	MS-60-24
Ready-fitted into a Dycon AA-box		MS-60-12-AA	MS-60-24-AA
Output	DC voltage	12V	24V
	Voltage tolerance	±2%	±2%
	Rated current	5A	2.5A
	Current range	0-5A	0-2.5A
	Rated power	60W	60W
	Ripple & noise	150mVp-p	180mVp-p
	DC voltage ADJ. range	±10%	±10%
Indicators	Mains OK LED		
Input	Voltage range	90~264VAC, 135~373VDC	
	Frequency	47~63HZ	
	AC current	1.2A/115VA, 0.6A/230VAC	
	Efficiency	85%	86%
	Inrush current	Cold start current 45A/230VAC	
	Leakage current	< 1mA/240VAC	
Protection	Over-load	Rated output power 110%~135% start overload protection	
		Protection type: hiccup mode, auto-recovery after fault condition is removed	
Environment	Working temp, humidity	-25°C~+50°C, 20%~90%RH	
	Storage temp, humidity	-40°C~+85°C, 10%~95%RH non-condensing	
	Withstand vibration	10~500HZ, 2G 10min/1cycleperiod for 60 minutes, each axis	
Safety	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC	
	Isolation resistance	I/P-O/P, I/P-FG, O/P-FG:100M ohms/500VDC	
Standards	Safety standard	Compliance to UL60950-1, UL1012, GL4943	
	EMC standard	Compliance to EN55022, EN61000-3-2, Class 2	
Others	Dimensions module only	110 x 78 x 30mm(L*W*H)	
	Weight/packing	0.3Kg/50pcs/16kg	
Note	1) All parameters NOT specifically mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2) Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair wire terminated with a 0.1uf & 47uf parallel capacitor. 3) Tolerance: includes line and load regulation.		

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For more information about the Dycon products:

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Or to discuss your specific needs:

+44 (0)1443 471 900

Dycon leads the security and associated power supply markets, with UK design and manufacture of advanced power products, engineered to provide high quality, cost-effective solutions to meet current regulations and the specific needs of system integrators and end-users.

MS-60-12 & 24 data sheet 22022024v7