

Orion DC-DC Converters 110V, isolated

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Isolated Converters	Orion 110 Volt
Power rating (W)	360
Galvanic isolation	yes
Temperature increase after 30 minutes at full load (°C)	30
Fan assisted cooling (temp. controlled)	yes
Weight kg (lbs)	1,4 (3.1)
Dimensions hxxwxd in mm (hxxwxd in inches)	82 x 132 x 190 (3.2 x 5.2 x 7.5)
Input voltage	110V (60 – 140V)
Output voltage	12,5V or 24V

Common Characteristics	
Output voltage stability	2%
Output voltage tolerance	3%
Output noise	< 50mV rms
Off load current	< 25mA
Efficiency	appr. 85%
Isolation	> 400Vrms between input, output and case
Operating temperature	- 20 to + 40°C (0 to 100°F). Derate linearly to 0A at 70°C (160°F)
Humidity	Max 95% non-condensing
Casework	Anodised aluminium
Connections	6.3mm (0.25 inch) push-on flat blade connectors
Protection: Overcurrent Overheating Reverse polarity connection Overvoltage	Short circuit proof Reduction of output voltage Fuse and reverse connected diode across input Varistor (also protects against load dump)
Standards: Safety Emission Immunity	EN 60950 EN 61000-6-3, EN 55014-1 EN 61000-6-2, EN 61000-6-1, EN 55014-2



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