

DC-DC Power Adaptors

POWER
SOLVE

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VDN60 Series

60 Watts Car Adaptor

12V & 24V Input

Features

- 12V or 24V DC Input
- Up to 60 Watts output power
- Input via standard cigar lighter plug
- Fully sealed plastic case
- LED power on indicator
- E Mark &UL, CSA Safety Approvals
- EMI meets FCC Part 15 Class B & CISPR EN55022'B'
- High Efficiency



Electrical Specification

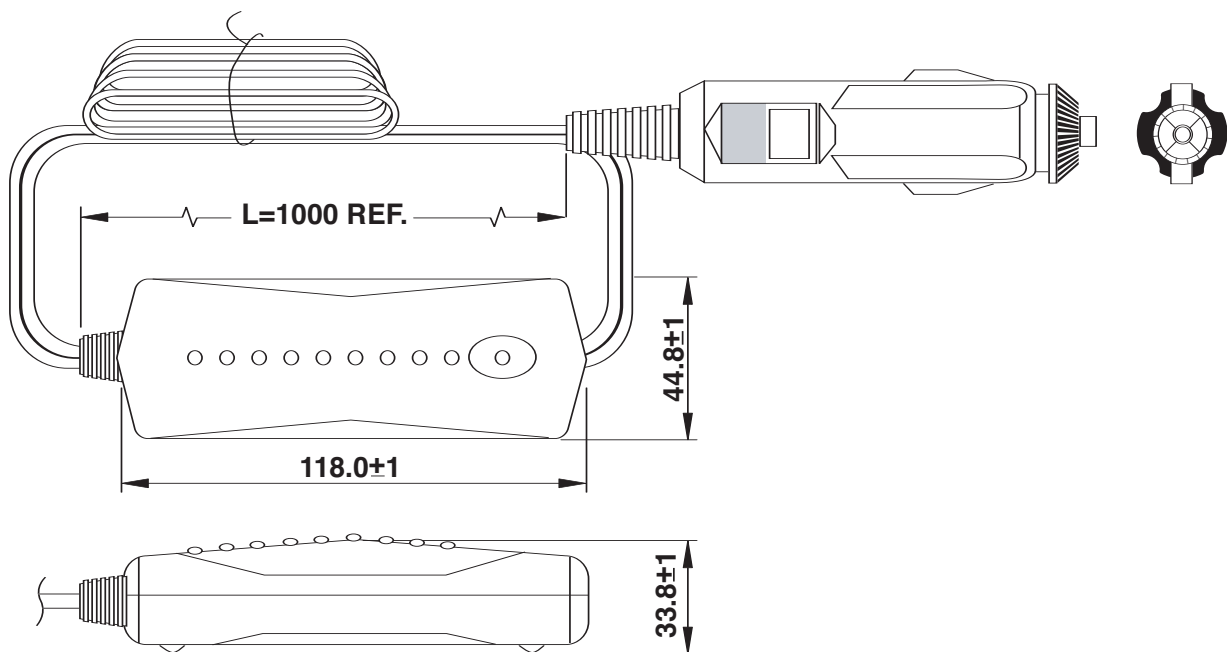
Input:	10.7 to 28V DC (For UL & CSA Approved units inputs are 10.7-16VDC & 17-28VDC)
Input Current:	6.8A Max 12V Input, 3.3A Max 24V Input
Input Fuse:	8A for 12V Input, 4A for 24V Input
Output Voltage:	See table
Voltage Tolerance:	5%
Output Power:	60 Watts Max
Output Protection:	Short circuit and over current protection
Overtemperature Protection:	Built In
Efficiency:	83% typical at full load and 12V DC Input
Ripple & Noise:	1% Max Pk-Pk (20MHz Bandwidth)
Operating Temperature:	0 to +40 °C
Storage Temperature:	-20 to +80 °C
EMI:	Meets FCC Part 15 Class B & CISPR EN55022 Class B
Safety Approvals:	UL, CSA, E-Mark

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MODEL	INPUT	OUTPUT	MODEL	INPUT	OUTPUT
VDN60-12012		12V DC 2.1A	VDN60-12024		12V DC 2.1A
VDN60-15012		15V DC 4.0A	VDN60-15024		15V DC 4.0A
VDN60-16012		16V DC 3.75A	VDN60-16024		16V DC 3.75A
VDN60-18012	10.7 to 16V DC	18V DC 3.35A	VDN60-18024	17-28V DC	18V DC 3.35A
VDN60-19012		19V DC 3.16A	VDN60-19024		19V DC 3.16A
VDN60-20012		20V DC 3.0A	VDN60-20024		20V DC 3.0A
VDN60-22012		22V DC 2.73A	VDN60-22024		22V DC 2.73A
VDN60-24012		24V DC 2.5A	VDN60-24024		24V DC 2.5A



OUTPUT CABLE: Standard output cable fitted is 1.8Metre terminated in 2.5 x 5.5 x 11mm barrel connector, wired centre positive. Other input and output connectors available consult sales office for details.

INPUT: All models are able to operate from a wide input range of 10.7 to 28V DC, however to meet UL & CSA requirements the units have to be rated for either nominal 12V or 24V DC input and appropriate input fuse fitted. Wide input range units can still carry the E-Mark

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