



Electrical specifications

Input

Input Voltage 11 - 28 VDC (wide range)
 Input Current 6.8(3.3)A Max. @12(24)VDC I/P
 Input Fuse 8(4)A

Out put

Voltage (Vo) 15V ... 24V
 Tolerance 5%
 Power (Po) 60W Max.
 Voltage range 15 - 24 VDC
 Current limit range (Io) ...
 Overcurrent protection ... Constant current type
 Short circuit protection ... Built-in
 Over temp protection Built-in
 Efficiency 85% typ. at full load and 12VDC I/P
 Ripple/Noise(Vp-p) 1% Max. (20MHz bandwidth)

Output Electronic Specification

Model No.	Po	Vo	Io max
VDN60-150x	60W	15V	4.0A
VDN60-160x	60W	16V	3.75A
VDN60-180x	60W	18V	3.35A
VDN60-190x	60W	19V	3.16A
VDN60-200x	60W	20V	3.0A
VDN60-220x	60W	22V	2.73A
VDN60-240x	60W	24V	2.5A

x = A Input Voltage = 12 VDC
 x = B Input Voltage = 24 VDC

Features

- Input plug for car cigarette receptacle
- Wide range DC input 11 - 28VDC
- Constant current output built-in
- Fully enclosed plastic case
- Fully regulated output
- High efficiency
- High Quality

Environmental

Operating temperature

0 deg. C to +40 deg. C ambient

Storage temperature

-20 deg. C to +80 deg. C ambient

EMI

Safety

UL UL 2089
 CSA CSA 950
 CSA CSA 107
 CE



Powersolve Electronics Ltd
 Units 9 & 12 The Paddock
 Hambridge Road, Newbury, RG14 5TQ
 Tel: 01635 521858 Fax: 01635 523771