

[HOME](#) / [VDN60-120A](#)

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[Commission for Environmental Cooperation](#)

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

Specifications:

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

Output

Voltage (Vo).....See output electronic specification

Tolerance.....5%

Power (Po).....See output electronic specification

Voltage range iKiKiK.....See output electronic specification

Current limit range (Io) ...

Overcurrent protection ... Constant current type

Short circuit protection ... Built-in

Over temp protection iK.. Built-in

Efficiency 83% typ. at full load and 12VDC I/P

Ripple/Noise(Vp-p) 1% Max. (20MHz bandwidth)

Output Electronic Specifications

Model No.	Po	Vo	Io max
VDN60-050A-1	16.2W	5.4V	3.0A
VDN60-080A-1	17W	8.5V	2.0A
VDN60-120A	25.2W	12.0V	2.1A
VDN60-150x	60W	15.0V	4.0A
VDN60-160x	60W	16.0V	3.75A
VDN60-180x	60W	18.0V	3.35A
VDN60-190x	60W	19.0V	3.16A
VDN60-200x	60W	20.0V	3.0A
VDN60-220x	60W	22.0V	2.73A
VDN60-240x	60W	24.0V	2.5A

X=AiGInput Voltage=12VDC

X=BiGInput Voltage=24VDC

X=CiGInput Voltage=10.7 – 16 VDC

X=DiGInput Voltage=22 – 24 VDC

X=0iGInput Voltage=10.7 – 28 VDC

X=F1iGInput Voltage=10.7 – 16 VDC Air

X=F2iGInput Voltage=22 – 24 VDC Air

Environmental [Operating temperature](#)

0 deg. C to +40 deg. C ambient

[Storage temperature](#)

-20 deg. C to +85 deg. C ambient

EMI

Meet Fcc Part 15 Class B

CISPR EN55022 Class B (CE)

Safeties

CE

CSA

E-Mark

UL

[Download Product Specifications](#)

