

## VAN 60 SERIES (60 WATTS DESK TOP AC ADAPTER)

### Features

- IEC two pin IEC C8 input receptacle
- Wide range AC input
- Interchangeable DC output cable\* for different application
- Adjustable output voltage & current
- Constant current output built-in
- Level B EMI filter
- Fully enclosed plastic case
- Fully regulated output
- High efficiency
- High Quality

### Electrical specifications

#### Input

Voltage ..... 90-264VAC (wide range)  
 Current ..... 1.5Arms Max.  
 Frequency ..... 47-63Hz

#### Output

Voltage (Vo) ..... (see table)  
 Tolerance ..... 5%  
 Power (Po) ..... 60W Max.  
 Hold up time ..... 12ms min. at full load, 115VAC  
 Current limit range (Io) ... 2.0-4.0A (adjustable)  
 Voltage adjust range ..... 15-20VDC, 24VDC  
 Over current protection .. Constant current type  
 Short circuit protection ... Built-in  
 Efficiency ..... 85% typ. at full load/115VAC  
 Ripple/Noise(Vp-p) ..... 1% (20MHz bandwidth)

### Output Electronic Specifications

Model No.	Po	Vo	Io max
VAN60-150C	55W	15V	3.67A
VAN60-160C	55W	16V	3.4A
VAN60-170C	55W	17V	3.2A
VAN60-180C	55W	18V	3A
VAN60-190C	60W	19V	3.16A
VAN60-200C	55W	20V	2.75A
VAN60-240C	55W	24V	2.3A

\*Output cable please refer to output cable diagram.



### Environmental

#### Operating temperature

0 deg. C to +40 deg. C ambient

#### Storage temperature

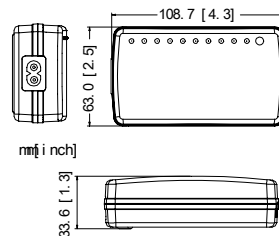
-20 deg. C to +80 deg. C ambient

### EMI

Meet FCC class B, CISPR 22 class B, VCCI class B

### Safety

UL: UL1950  
 cUL: CSA 22.2 NO.950  
 TUV: EN 60950  
 IEC: 950  
 CE:



### Power Systems – The Power Solution

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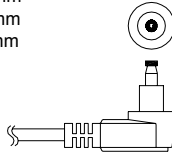
### Cable Series:

#### C101



#### Plug Spec:

ID :1.5mm  
OD :3.5mm  
Length :6.2mm  
With clip  
Right angle

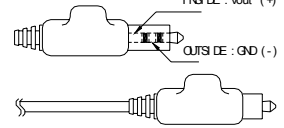


#### C106



#### Plug Spec:

INSIDE : Vout (+)  
OUTSIDE : GND (-)



#### C102



#### Plug Spec:

ID :2.0mm  
OD :5.5mm  
Length :12mm  
With clip

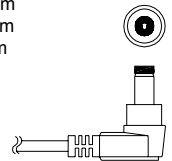


#### C107



#### Plug Spec:

ID :2.5mm  
OD :5.5mm  
Length :11mm  
With clip



#### C103



#### Plug Spec:

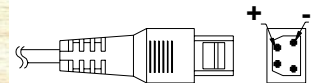
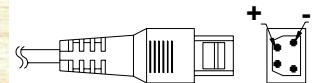
ID :2.5mm  
OD :5.5mm  
Length :12mm  
With clip



#### C108



#### Plug Spec:



#### C104



#### Plug Spec:

ID :2.8mm  
OD :6.6mm  
Length :12mm  
With clip

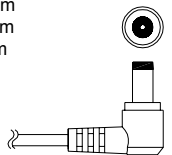


#### C109



#### Plug Spec:

ID :1.5mm  
OD :5.5mm  
Length :11mm

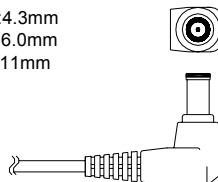


#### C105



#### Plug Spec:

ID :4.3mm  
OD :6.0mm  
Length :11mm

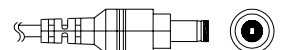


#### C110



#### Plug Spec:

ID :2.0mm  
OD :5.5mm  
Length :10mm  
With clip



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