

## 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

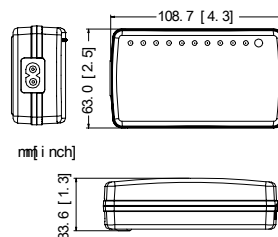
-20 deg. C to +80 deg. C ambient

### EMI

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

### Safety

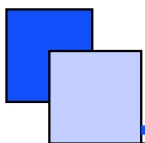
UL: UL1950  
cUL: CSA 22.2 NO.950  
TUV: EN 60950  
IEC: 950  
CE:



### Power Systems – The Power Solution

Web: [www.Power-Systems.de](http://www.Power-Systems.de)  
Email: [Info@Power-Systems.de](mailto:Info@Power-Systems.de)

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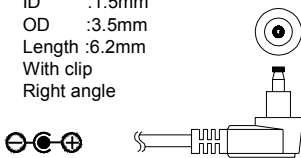
### Cable Series:

#### C101



##### Plug Spec:

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

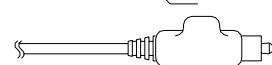


#### C106



##### Plug Spec:

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

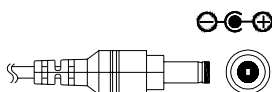


#### C102



##### Plug Spec:

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

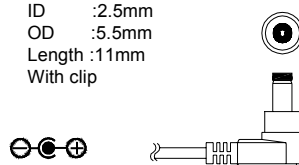


#### C107



##### Plug Spec:

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

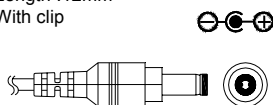


#### C103



##### Plug Spec:

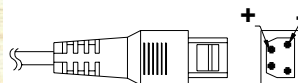
ID :2.5mm  
OD :5.5mm  
Length :12mm  
With clip



#### C108



##### Plug Spec:

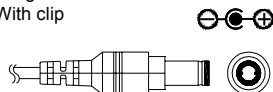


#### C104



##### Plug Spec:

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

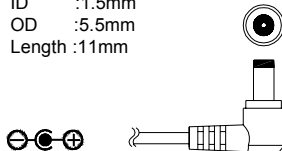


#### C109



##### Plug Spec:

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

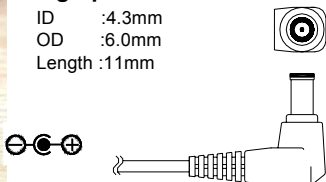


#### C105



##### Plug Spec:

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

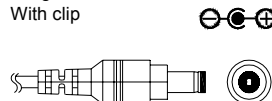


#### C110



##### Plug Spec:

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



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