

AC-DC POWER SUPPLIES

VAN90 (90 WATTS DESK TOP AC ADAPTER)

(PRELIMINARY INFORMATION)

Features

- Three pins IEC C6 input socket
- Three pins IEC C14 input socket
- Wide range AC input
- Output status LED indicator
- Power Factor Correction
- Level B EMI filter
- Fully enclosed plastic case
- High efficiency
- High Quality



Electrical specifications

Input

Voltage90-264 VAC (wide range)
 Current 1.5Arms Max.
 Frequency47 – 63 Hz

Output

Voltage (Vo) (see table)
 Tolerance 5%
 Power (Po) 90W Max.
 Voltage adjust range 15-20VDC
 Current limit range (Io) ... 2.1-6.0A (Not adjustable, please
 advice the output voltage settings)
 Hold up time..... 20ms min. at full load, 115VAC
 Overcurrent protection ... Constant current type
 Short circuit protection ... Built-in
 Efficiency 85% typ. at full load and 115VAC
 Ripple/Noise(Vp-p) 1% Max. (20MHz bandwidth)

Output Electronic Specifications

| Model No. | Po | Vo | Io max |
|-------------|-----|--------|--------|
| VAN90A-1200 | 60W | 12V | 5.0A |
| VAN90A-1500 | 80W | 15-16V | 5.0A |
| VAN90A-1900 | 90W | 18-20V | 4.74A |

*Output cable please refer to output cable diagram.

Power Systems – The Power Solution

Web: www.Power-Systems.de
 Email: Info@Power-Systems.de

All specification are subject to change without notice.

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
 Meet VCCI Class B
 Meet CISPR 22 Class B

Safety

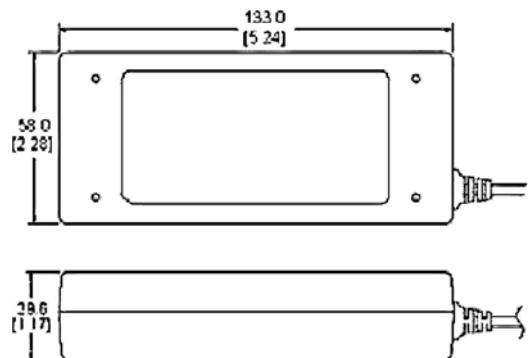
UL 1950; CE ; FCC



Dimension

133 x 58 x 29.5 mm

UNIT: $\frac{MM}{INCH}$



Address: Dörnet 8 ; 74360 Ilsfeld-Auenstein / Germany
 Tel. : + 49 / 70 62 / 67 59 - 6
 Fax: + 49 / 70 62 / 67 59 - 80

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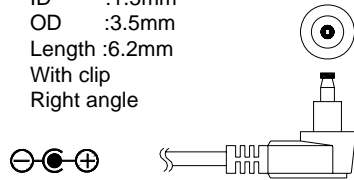
(PRELIMINARY INFORMATION)

C101



Plug Spec:

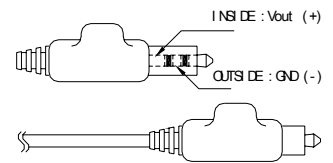
ID :1.5mm
OD :3.5mm
Length :6.2mm
With clip
Right angle



C106



Plug Spec:

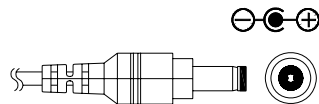


C102



Plug Spec:

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

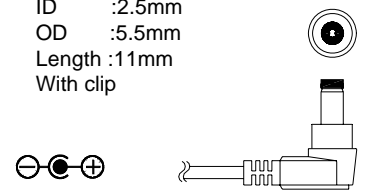


C107



Plug Spec:

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

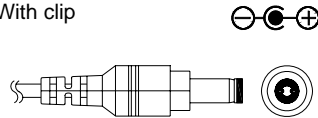


C103



Plug Spec:

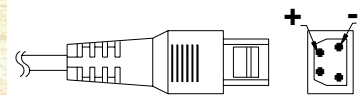
ID :2.5mm
OD :5.5mm
Length :12mm
With clip



C108



Plug Spec:

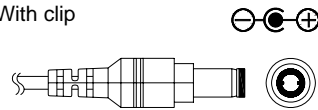


C104



Plug Spec:

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

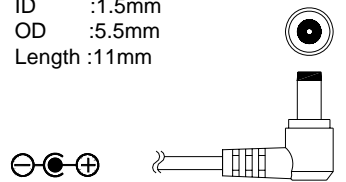


C109



Plug Spec:

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

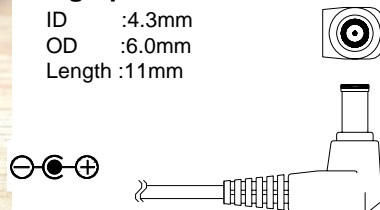


C105



Plug Spec:

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

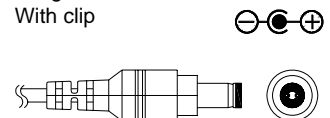


C110



Plug Spec:

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



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