

DATASHEET

MODEL: NA-1702 SERIES Open module AC-DC .
Power supply up to 60W

Salient features

- ❖ **Wide input operating voltage**
- ❖ **Integrated thermal shutdown & auto recovery**
- ❖ **Short circuit protection**
- ❖ **Less weight makes easy transportation**
- ❖ **Efficiency Greater than 75%**
- ❖ **Meets world class safety standards**
- ❖ **No load power consumption less than 0.3 watts.**
- ❖ **Output ON Indication.**
- ❖ **Input Over voltage protection.**

Dimensions :145 mm(L) X60mm (W) X Max35mm(H)
Fixing hole CD; 135mm X50mm(4 fixing holes)

Specifications

Input specifications

Input Voltage	:	100V – 300 V ac
Input frequency	:	47 Hz – 63 Hz
Inrush Current	:	<25A
Maximum input current	:	0.5 Amp

Output Characteristics

Output voltage range	:	5V – 48V DC
Output current range	:	0.5A-5Amps
Output power	:	36 Watts max
Ripple	:	< 1% of Output voltage
Noise	:	< 2% of Output voltage

Environmental

Operating Temperature	:	0°C to 50°C
Storage Temperature	:	-20°C to 70°C

Protections

- Fuse ,MOV & EMI filter for Input Over current& surge/Spike protection
- Output over load/Short circuit protection
- Over Temperature protection
- Greater than 300Vac Input Output shut down & recover normal with 15-20V Hysterisis.

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Safety Requirements

- Insulation Resistance; >10M Ω at 500Vdc
- Break down(High voltage Insulation) test: 2.5KV
- Meets requirements of Safety standards 60950-1.

EMI/EMC Requirements

- Meets ± 1 kV Electric Fast transient (EFT) as per IEC 61000-4-4 standard
- Meets surge Protection up to 2.5KV as per IEC 61000-4-5 standard
- Meets CE requirements of Class A limits as per EN 55022 standards.

Input & Output Connections.

- Input termination; 3Pin Screw type terminal Connector On Left hand side of PCB module.
- Output termination; 2Pin Screw type terminal Connector On Right hand side of PCB module
- PCB Material; CEM1 or Glass Epoxy material.

RATING CHART			
SL.NO	MODEL NO	OUTPUT VOLTAGE	OUTPUT CURRENT
01	NA-1702-005 060	5.0V	6.0A
02	NA-1702-075 050	7.5V	5.0A
03	NA-1702-009 050	9.0V	5.0A
04	NA-1702-012 050	12.0V	5.0A
05	NA-1702-015 020	15.0V	4.0A
06	NA-1702-018 030	18.0V	3.0A
07	NA-1702-024 025	24.0V	2.5A
08	NA-1702-036 015	36.0V	1.5A
09	NA-1702-048 012	48.0V	1.25A