

# DATASHEET

**MODEL: NA-3370 SERIES Open module AC-DC** .  
Power supply up to 36W

## 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.**



Dimensions :90 mm(L) X50mm (W) X Max 25mm(H)  
Fixing hole CD; 80mm X40mm( 4 fixing holes)

## Specifications

### Input specifications

Input Voltage	:	100V – 300 V ac
Input frequency	:	47 Hz – 63 Hz
Inrush Current	:	<25A
Maximum input current	:	0.3 Amp

### Output Characteristics

Output voltage range	:	5V – 48V DC
Output current range	:	0.25A-2Amps
Output power	:	15 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

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## Safety Requirements

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

## EMI/EMC Requirements

- Meets  $\pm 1$ kV Electric Fast transient (EFT) as per IEC 61000-4-4 standard
- Meets surge Protection up to 2.0KV as per IEC 61000-4-5 standard
- Meets CE requirements of Class A limits as per EN 55022 standards.

## Input & Output Connections.

- Input termination; 2Pin 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.

<b>RATING CHART</b>			
<b>SL.NO</b>	<b>MODEL NO</b>	<b>OUTPUT VOLTAGE</b>	<b>OUTPUT CURRENT</b>
01	NA-1433-005 020	5.0V	2.0A
02	NA-1433-075 020	7.5V	2.0A
03	NA-1433-009 015	9.0V	1.5A
04	NA-1433-012 013	12.0V	1.25A
05	NA-1433-015 010	15.0V	1.0A
06	NA-1433-018 008	18.0V	0.8A
07	NA-1433-024 006	24.0V	0.6A
08	NA-1433-036 004	36.0V	0.4A
09	NA-1433-048 003	48.0V	0.25A