

## AC - DC Converter

### Features

- Wide Input Voltage range.
- Small and Compact.
- Low Cost.
- One year Warranty.
- Higher Efficiency.
- Light Weight.
- Good Performance.



### Technical Specifications

#### INPUT

- Input voltage : 90v – 270vac
- Efficiency : >75%

#### OUTPUT

- Voltage [v] : 48v
- Current [a] : 500ma
- Max. O/p power [w] : 24w
- Reg. Line [%] : ±1%
- Reg. Load [%] : ±2%
- Ripple [ p-p] : ±1%
- Noise [p-p] : ±2%

#### PROTECTIONS

- Short circuit : O/p short circuit protected (auto recovery)
- O/p overload : O/p will fold back upon over load with auto recovery.

#### ELECTRICAL ISOLATION

- Input-output : 1500vac, 1minute between input & output

#### ELECTRICAL INSULATION

- Input-output : 500vdc,50m ohm with trip current of 10ma between input & output.

#### ENVIRONMENT

- Operating temp & humidity : -10degree c to + 45degree c, 95% rh non condensing
- Storage temp.& humidity : -20degree c to +55degree c ,95% rh non condensing

#### RFI MEASUREMENT

- Class aCispr 15

#### EARTHING

- Output-fg : No connection

#### COOLING

- Free Air Cooling : Open frame, Free Air Cooling

#### TERMINATIONS

- Input : I/P J1 : 3- Pin Pcb Mountable Inlet Connector
- Output : O/P j2 : rj 45 PCB Moutable Connector

#### MECHANICAL

- L x B x H (mm)100mm X 60mm X 30 mm

#### ORDERING INFORMATION

| Model No | Output Voltage | Output Current | Frame Type |
|----------|----------------|----------------|------------|
| SR 1020  | 48V            | 500mA          | OPEN       |