

## Specifications

Model

CUS600M

### Output

|                            |      |                                                   |
|----------------------------|------|---------------------------------------------------|
| Line Regulation            | %    | 0.5% (85 - 265Vac)                                |
| Load Regulation            | %    | 1% (0 - 100% load)                                |
| Ripple & Noise             | mV   | 12V: 240mV, 19V - 28V: 360mV, 32V - 48V: 480mV    |
| Temperature Coefficient    | %/°C | ±0.02%/°C                                         |
| Minimum Load               | -    | No minimum load required                          |
| Overcurrent Protection     | %    | >105%. Hiccup mode, automatic recovery            |
| Overvoltage Protection     | -    | Latching (unit shutdown), cycle AC input to reset |
| Overtemperature Protection | -    | Latching (unit shutdown), cycle AC input to reset |
| Remote Sense               | -    | 0.5V total compensation                           |
| Remote On/Off              | -    | Opto-isolated. Inhibit: Low = ON, High = OFF.     |
| Power Good                 | -    | Combined AC Fail and DC OK opto isolated signal   |
| Standby Voltage            | -    | Open frame version: 5V 2A, /EF version 5V 1.5A    |
| Parallel Operation         | -    | Not possible                                      |
| Series Operation           | -    | Possible, see installation manual                 |

### Environmental

|                                     |     |                                                                                                      |
|-------------------------------------|-----|------------------------------------------------------------------------------------------------------|
| Operating Temperature               | °C  | -20°C to +70°C, see derating curves below                                                            |
| Storage Temperature                 | °C  | -40°C to +85°C                                                                                       |
| Operating Humidity (non condensing) | %RH | 10 - 95%RH                                                                                           |
| Cooling                             | -   | Convection cooling or forced air (2.7m/s)                                                            |
| Altitude                            | m   | 5,000m. Operating, transportation and storage                                                        |
| Withstand Voltage (For 1 minute)    | Vac | Input to Ground 2kVAC (1xMOPP), Input to Output 4kVAC (2xMOPP),<br>Output to Ground 1.5kVAC (1xMOPP) |
| Isolation Resistance                | MΩ  | >100MΩ at 25°C, 70%RH Output - FG 500VDC                                                             |
| Vibration (Non Operating)           | -   | 10-55Hz (1 min sweep). Maximum 19.6m/s <sup>2</sup> ; x, y, z for 1 hour each                        |
| Shock                               | -   | <196m/s <sup>2</sup>                                                                                 |

### Other

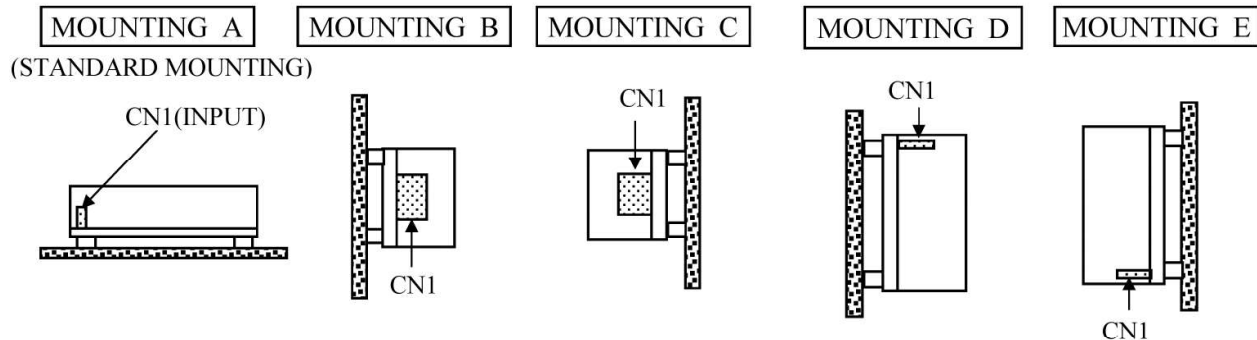
|              |        |                                                                                  |
|--------------|--------|----------------------------------------------------------------------------------|
| Weight (Typ) | g      | Open frame: 470, /EF: 790                                                        |
| Size (LxWxH) | mm     | Open frame: 127 x 76.2 x37, /EF: 157 x 85 x 42.5                                 |
| Size (LxWxH) | Inches | Open frame: 5 x 3 x 1.46, /EF: 6.18 x 3.35 x 1.67                                |
| Connectors   | -      | Input: JST VHR-5N, Output: M4 screws, Standby: JST XHP-2, Signals: JST PHDR-08VS |
| Warranty     | yrs    | 5                                                                                |

#### Notes:

See website for detailed specifications, test methods and installation manual

Specification parameters apply at 25°C ambient temperature unless otherwise stated.

## Mounting Orientation



## Airflow Direction

