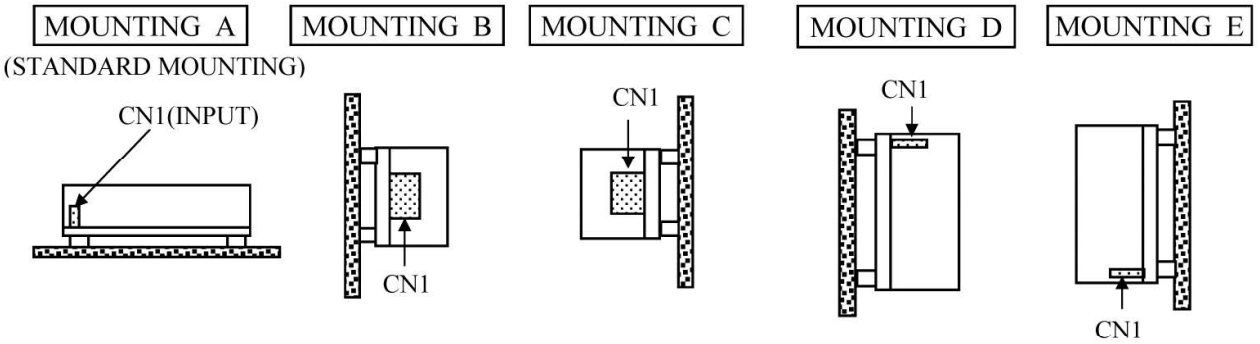
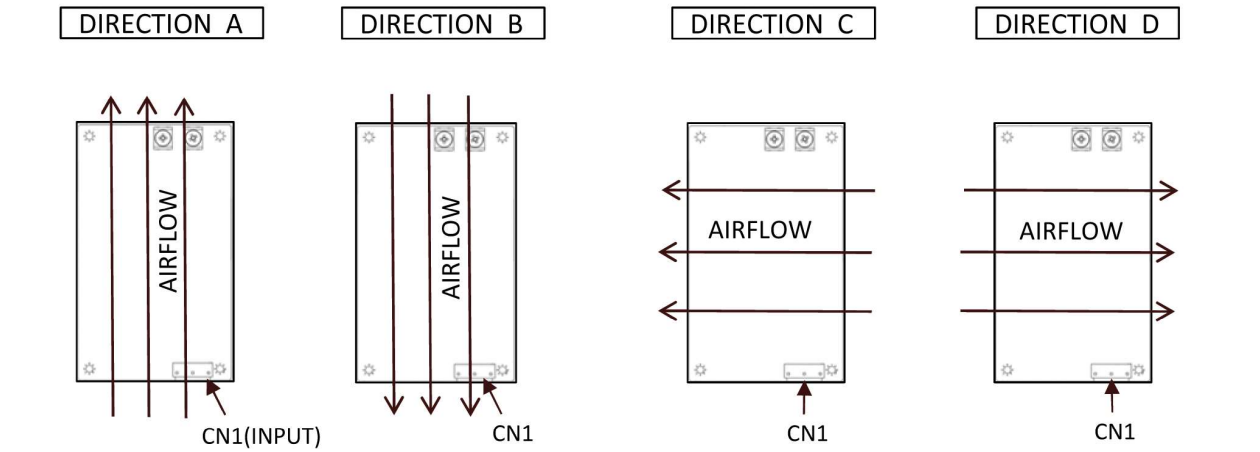
Specifications

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	-	5V 2A
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), 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^2; x, y, z for 1 hour each
Shock	-	<196m/s^2
Other		
Weight (Typ)	g	Open frame version: 470
Size (LxWxH)	mm	Open frame version: 127 x 76.2 x 37mm
Size (LxWxH)	Inches	Open frame version: 5 x 3 x 1.46”
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