



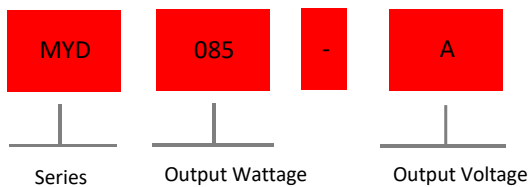
▲ Features

- Double isolation/Double LED indicator/Non-interference
- Protection: Over Voltage/Over load/Short circuit
- Power ON LED indicator
- TS 35 rail installation(with optional rail mounting bracket)
- Seismic protection
- “Three pivot point”M4 installation
- Terminal with protective cover
- Alluminum case
- Surge protection
- 2 years warranty

▲ Applications

- Industrial automation control system
- Intelligent control system
- Electronic instruments and devices
- LED power supply
- Household appliances

▲ Model encoding



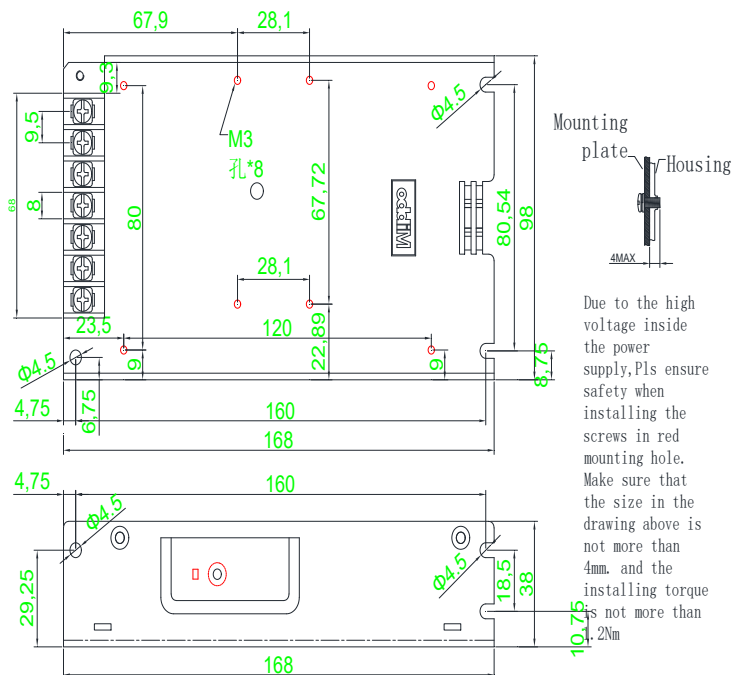


Specification

Input						
Voltage range	176-264VAC 250-370VDC					
AC current	1.0A/230VAC					
Frequency range	47-63Hz					
Inrush current (max)	44A/230VAC					
Output						
Chanel	Ch1	Ch2	Ch1	Ch2	Ch1	Ch2
DC voltage (V)	5V	12V	5V	24V	12V	24V
Efficiency	80%		83%		83%	
Voltage ADJ range	Ch1:4.75-5.5V		Ch1:4.75-5.5V		Ch1:11.7-12.2V	
Rated current(A)	7A	4.1A	7A	2.1A	2.9A	2.1A
Rated power (W)	84.2W		85.4W		85.2W	
Ripple & noise(max)note2	80mVp-p	120mVp-p	80mVp-p	120mVp-p	120mVp-p	120mVp-p
Voltage tolerance note3	±2%	±1%	±2%	±1%	±2%	±1%
Line regulation noite4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load regulation note5	±1.5%	±1.5%	±1.5%	±1.5%	±1.5%	±1.5%
Setup, rise time	1000ms 50ms/230VAC(cold start)					
Hold up time	20ms/230VAC (at full load)					
Status indicator	Green LED					
Protection						
Over load	110%-160% of the rated output power					
	Protection mode: Hiccup mode, recover automatically after fault condition is removed					
Over voltage (V)	6.8-8.5V	13.8-17.5V	6.8-8.5V	27.6-32.4V	13.8-17.5V	27.6-32.4V
	Protection mode: Hiccup mode, recover automatically after fault condition is removed					
Safety and EMC						
Withstand voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC					
Insulation resistance	I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500VDC/25℃/70% RH					
Safety standard note 6	Design refer to EN IEC 62368-1、GB4943.1					
EMC emission	Parameter	Standard			Test level	
	Conducted	EN 55032			Design refer to Class A	
	Radiated	EN 55032			Design refer to Class A	
	Voltage Flicker	EN 61000-3-3			Design refer to Class A	
	Harmonic Current	EN IEC 61000-3-2			Design refer to Class A	
EMC immunity	Parameter	Standard			Test level	
	ESD	EN 61000-4-2			Level 3 8KV air;Level 2 4KV contact	
	Radiated Susceptibility	EN 61000-4-3			Level 2 3V/m	
	EFT/Burest	EN 61000-4-4			Level 3 2KV	
	Surge	EN 61000-4-5			Level 3 2KV/Line-Line;Level3 4kV/Line-Line-FG	
	Conducted	EN 61000-4-6			Level 2 3V	
	Magnetic Field	EN 61000-4-8			Level 2 3A/m	
	Voltage Dips and interruptions	EN 61000-4-11			< 5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles < 5% residual voltage for 250 cycles:	
Environment						
Working temperature	- 25~+60℃ (Refer to derating curve diagram)					
Storage temperature	- 40~+85℃					
Storage humidity	10-95% RH					
Vibration resistance	10-500Hz,2G 10Min/Circle 60min in each X,Y,Z direction					

Others		
MTBF	≥370K hrs.MIL-HDBK-217F(25°C)	
Installation	Screw in plate or install in TS35 rail with the accessory	
Protection class	IP20	
Weight	About 0.7Kg	
Dimension	168*98*38mm(Length* width* Height)	
Data	Description	Model
	MYD 84.2W 7A/5V 4.1A/12V	MYD085-A
	MYD 85.4W 7A/5V 2.1A/24V	MYD085-B
	MYD 85.2W 2.9A/12V 2.1A/24V	MYD085-C
Accessory	Description	Model
Rail Pin	TS35 installation accessory	MPS-F050C

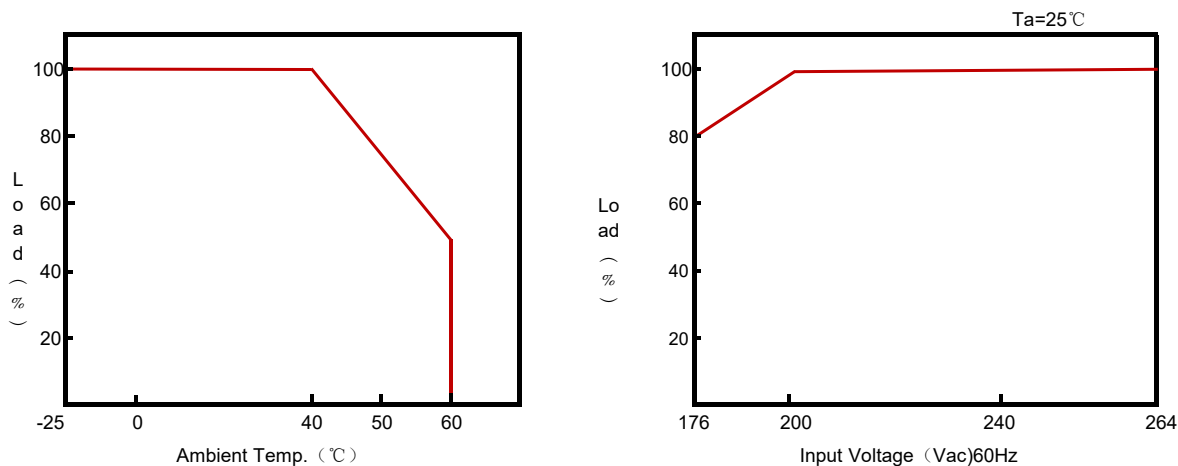
Installation indtruction



terminal installation instruction

Terminal type	U terminal size	wire specification	Max. Torque
95 terminal	8mm MAX	22-12AWG	1.2N.m(MAX)

Derating Curve



- Note:**
1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
 2. Ripple & noise are measured at 20MHZ of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor."
 3. Tolerance: includes set up tolerance, line regulation and load regulation.
 4. Line regulation is measured from low line to high line at rated load
 5. Load regulation is measured from 0% to 100% rated load.
 6. According to the requirements of GB4943.1, the power supply is only used for safe use in areas below sea level of 2000M and non-tropical climates.
 - 7: The interval should be more than 1 second to discharge completely if the power frequently ON-OFF