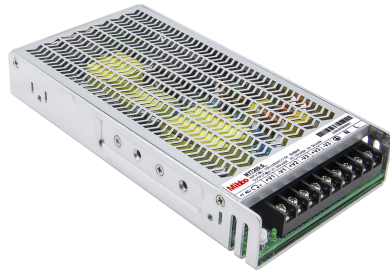


## MYT300-□ Series



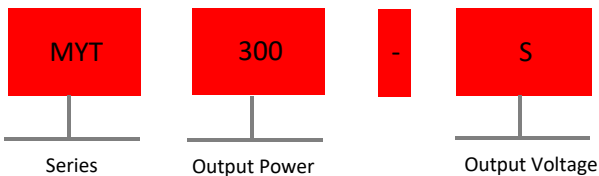
### ▲ Features

- 200-240VAC input
- 100% full load burn-in test
- Protections: Short circuit/Overload/Over voltage
- LED indicator for power ON
- Can be installed on DIN rail TS35 with optional mounting bracket
- Transient overload capacity: 110%-150%
- Cooling by free air convection
- Vibration protection
- Metal housing
- Surge protection
- Isolated output & GND for every channel

### ▲ Applications

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

### ▲ Model encoding



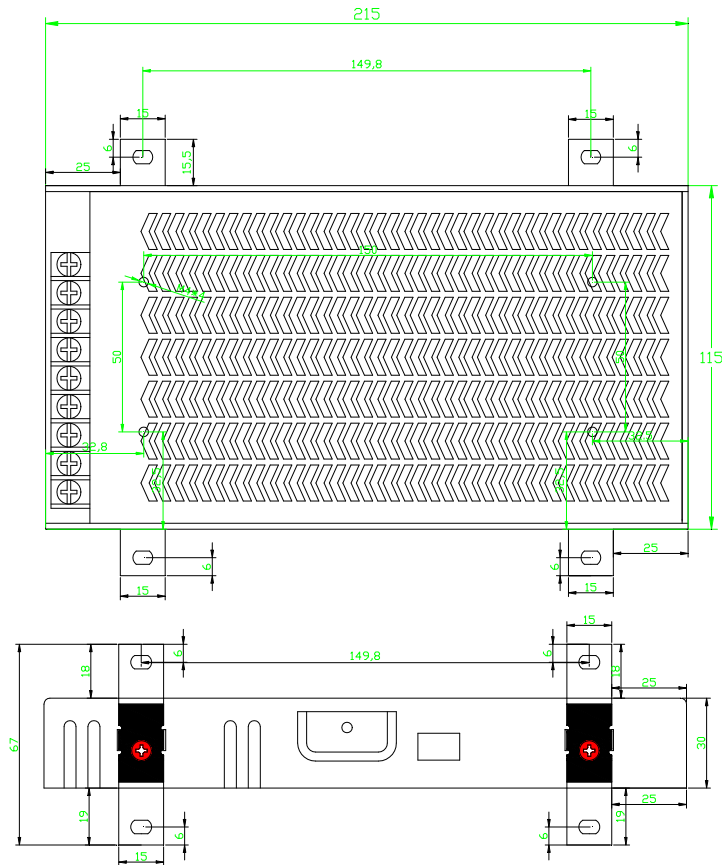


## Specification

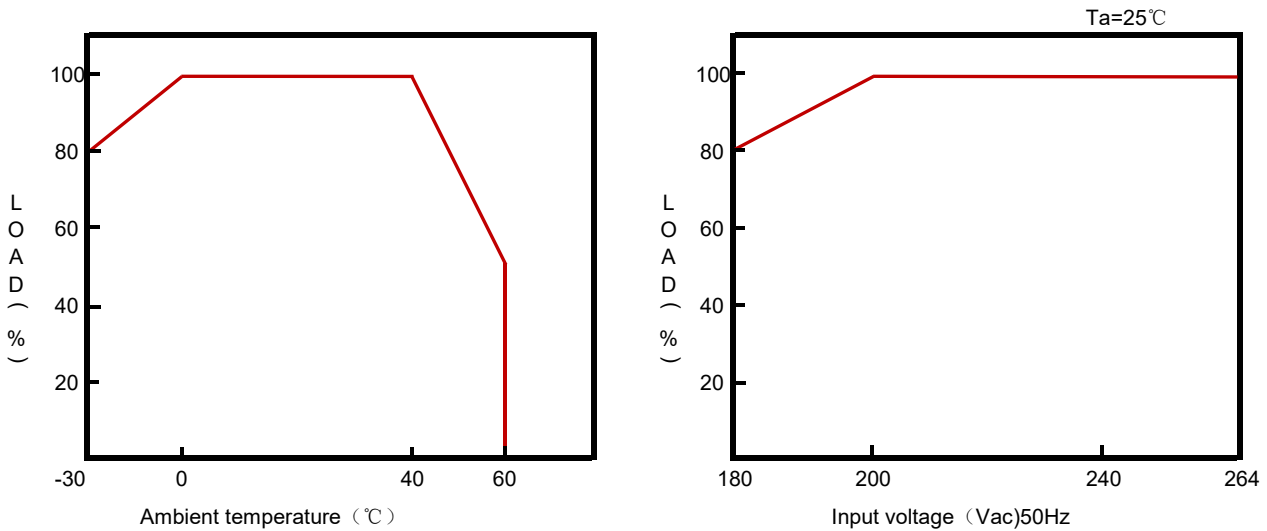
Input			
Input voltage *1	180-264VAC 255-370VDC		
AC current	2.5A/230VAC/MAX		
Frequency range	47-63Hz		
Inrush current(max.)	22A/115VAC 44A/230VAC		
Output			
Model	MYT300-S		
Output channel	CH1	CH2	CH3
DC voltage	24V	12V	5V
Efficiency	83%		
Voltage ADJ. range	±10%	±10%	±10%
Rated current	8A	6A	5A
Current range	0-5A	0-5A	0-5A
Rated power	289W		
Ripple & noise(max.) *2	150mVp-p	120mVp-p	100mVp-p
Voltage tolerance *3	±2%	±2%	±2%
Line regulation *4	±1%	±1%	±1%
Load regulation *5	±1%	±1%	±1%
Start up, rise time	500ms 30ms/230VAC (@Full load)		
Hold up time	50ms/230VAC (@Full load)		
Status indicator	Green LED		
Protection			
Overload	110%-150% of rated output power		
	Protection mode: Hiccup mode, recover automatically after the fault condition is removed		
Over voltage	Ch1:27.6-32.4V	Ch2:13.8-16.2V	Ch3: 5.75-6.75V
	Protection mode: Hiccup mode, recover automatically after the fault condition is removed		
Safety & EMC			
Withstand voltage	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC		
Isolation resistance	I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500VDC/25℃/70% RH		
Standard*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			
Operating temperature	- 30~+60℃ (>40℃ please refer to Derating Curve)		
Storage temperature	- 40~+85℃		
Storage humidity	10-95% RH		
Vibration	10-500Hz,2G 10min/1 cycle, 60 min along with each X,Y,Z axes		

Others		
MTBF	≥270K hrs, MIL-HDBK-217F(25°C)	
Installation	Panel mounting or DIN rail TS35 installation with optional accessory	
Protection class	IP20	
Weight	~0.9Kg	
Dimension(L*W*H)	215*115*30mm	
Ordering	Description	Model
	MYT 289W 8A/24V 6A/12V 5A/5V	MYT300-S
Accessory	Description	Model
MF-TS350L	L-type installation bracket/4pcs	MF-TS350L
MF-TS350H	H-type installation bracket/2pcs	MF-TS350H

## Installation instruction



## Derating curve



### Note:

- 1: All parameters are measured at 230VAC input, rated load and 25°C of ambient temperature unless otherwise specified
- 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% of rated load
- 6: According to GB4943.1, the power supply is only used in area which altitude lower than 2000m and non-tropical climates