

Ref: 39.003

**Features:**

- Constant voltage design
- Universal AC input / full range
- Withstand 300Vac surge input for 5 seconds
- Protections: short circuit / overload / over voltage
- Fully isolated plastic case
- Pass LPS
- Degree of protection: IP67
- Protection class II



Output	Power	30W
	Voltage (V)	5V
	Constant current region	16.8 ~24V
	Rated current	5A
	Current range	0 ~ 6A
	Ripple and noise (max.)	80mV
	Voltage tolerance	± 6.0%
	Line regulation	± 1.0%
	Load regulation	± 4.0%
	Setup, rise time	500ms, 20ms / 230VAC - 500ms, 20ms / 115VAC at full load
Hold up time	50ms / 230VAC - 16ms / 115VAC at full load	
Input	Voltage range	90~264VAC - 127~370VDC
	Frequency range	47~63Hz
	Efficiency	77%
	AC current	1.1A/115VAC - 0.7A/230VAC
	Inrush current	cold start 55A (twidh=510µs measured at 50% Ipeak) at 230VAC
	Circuit breaker	4 units (circuit breaker of type B) / 7 units (circuit breaker of type C) at 230VAC
Protection	Leakage current	0.25mA / 240VAC
	Overload	115 ~ 150%
Environment	Over voltage	5.75 ~ 6.75V (shut down o/p voltage, re-power on the recover)
	Working temperature	-30 ~ +65°C
	Working humidity	20 ~ 90% RH non-condensing
	Storage temperature humidity	-40 ~ +80°C, 10 ~ 95% RH
	Temperature coefficient	± 0.03% °C (0 ~ 50°C)
	Vibration	10 ~ 500Hz, 2G 10min / 1cycle, period for 60 min. each along X, Y, Z axes
Other	Degree of protection	IP67
	MTBF	743.5K hrs min. MIL-HDBK-217F (25°C)
	Dimension	148x40x30mm
	Packing	1 unit
	Guarantee	2 years



**Assembly and Safety Information**

**Applied standards CE:**

- EN 62368-1
- EN 61000-3-2
- EN 61000-3-3
- EN 61000-4-2
- EN 61000-4-3
- EN 61000-4-4
- EN 61000-4-5
- EN 61000-4-6
- EN 61000-4-8
- EN 61000-4-11
- EN 55032
- EN 55024

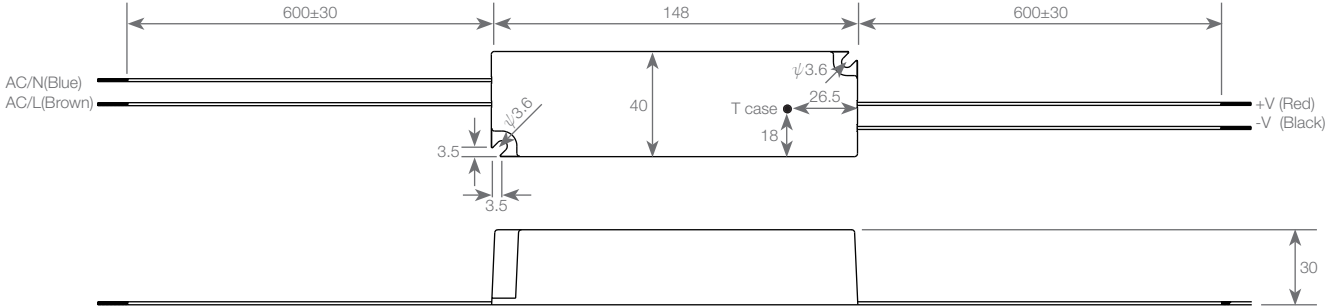
**Applied standards CB:**

- IEC 60950-1
- IEC 62368-1

**Applied standards UL:**

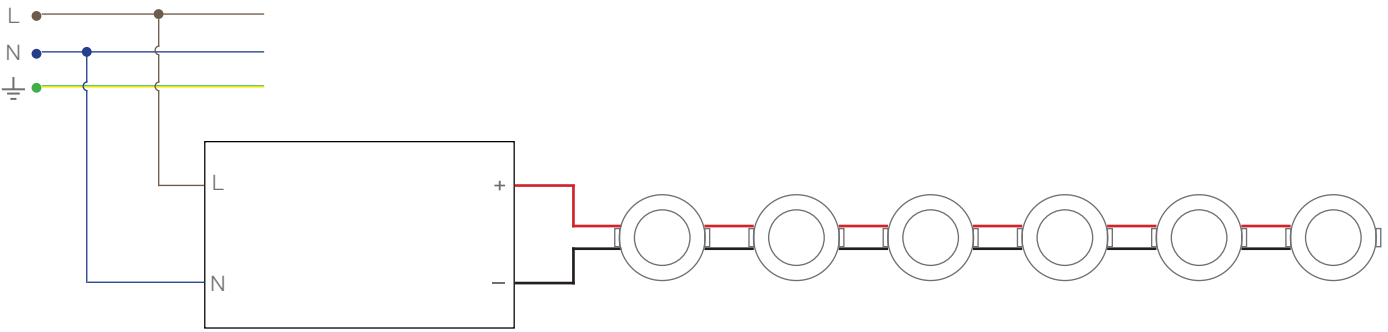
- UL 1310
- UL1015
- UL1007

**Measurements:**



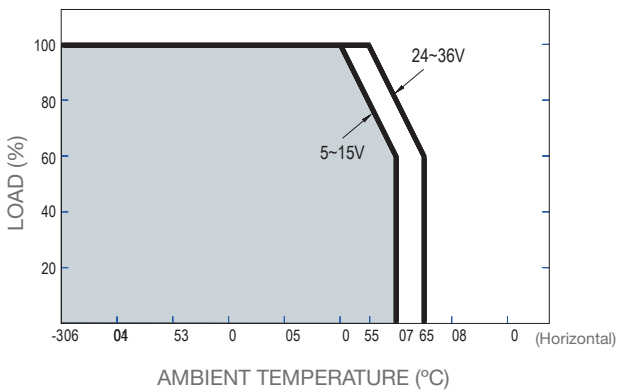
**Diagram:**

Easy logo connection



**Type performance graphs**

**Derating Curve**



**Static Characteristics**

