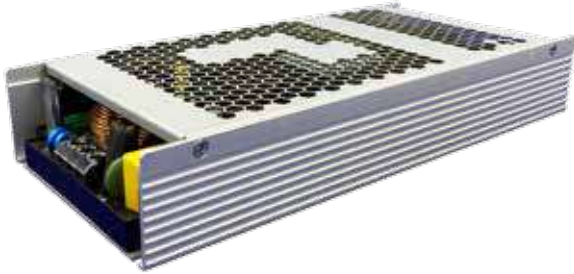


## Enclosed AC/DC Switching Power Supply



### Features

- Slim and Low Profile
- Protections:
  - Short circuit / Over voltage / Over current
  - Over temperature (optional)
- Energy Efficiency  $\geq 89\%$ ~92% depends on models
- MTBF > 50,000 hours
- Fanless and Conduction-cooled Design
- Withstand 300VAC Surge Input for 5 seconds
- Built-in Active PFC Function
- Built-in Remote ON-OFF Control
- DC OK Active Signal
- LED Indicator

### EP11000 XX YY

**XX:** Specified output voltage, i.e. 12 is 12VDC  
**YY:** Differential segmentation

### General Specification

#### OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EP1100012YY	960W	12V	0A	80A	$\pm 0.5\%$	$\pm 0.5\%$	150mV
EP1100024YY	1008W	24V	0A	42A	$\pm 0.5\%$	$\pm 0.5\%$	240mV
EP1100036YY	1008W	36V	0A	28A	$\pm 0.5\%$	$\pm 0.5\%$	240mV
EP1100048YY	1008W	48V	0A	21A	$\pm 0.5\%$	$\pm 0.5\%$	300mV

#### NOTE:

- 1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing  $\pm 10\%$  of input voltage from nominal line at rated load.
- 3 : Max. Power (W)  $\geq V_o \times I_o$

#### INPUT

- Input Range: 100 to 240VAC
- Frequency: 50 to 60Hz
- Input Current:  $\leq 11A$
- Inrush Current:  $\leq 40A/230VAC$
- Hold Up Time:  $\geq 8.3ms$
- Turn On Time:  $\leq 1s$

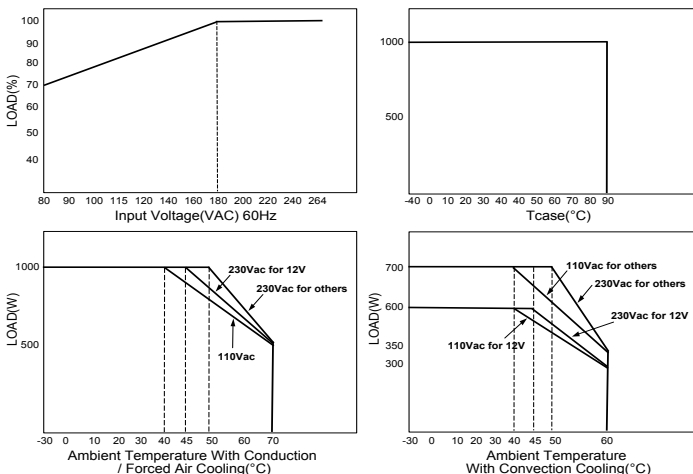
#### PROTECTION

- Short Circuit Protection: Latch-off or Auto Recovery
- Over Current Protection: Latch-off or Auto Recovery
- Over Voltage Protection: Latch-off or Auto Recovery
- Over Temperature Protection: Latch-off or Auto Recovery

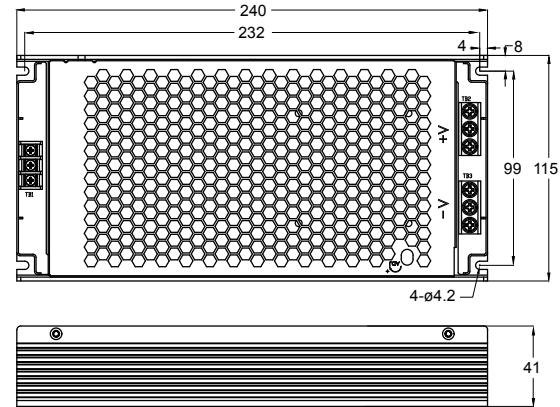
#### ENVIRONMENT

- Operating Temperature: -30 to 70°C
- Storage Temperature: -40 to 85°C
- Operating Humidity: 20% to 90 %
- Storage Humidity: 10% to 95 %

#### DERATING CURVE



#### MECHANICAL



- Mechanical Size: 240L x 115W x 41H (mm)
- Pin Assignment:

AC Input Terminal (TB1): T42-ES11-03 or equivalent

Pin No.	Assignment
1	AC/L
2	AC/N
3	⊥

DC Output Terminal (TB2 & TB3): EDAC Terminal

Pin No.	Assignment
TB2	+V
TB3	-V

- Weight: 1800g

#### SAFETY

- Complied with UL 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035)