

# EA1360 Series

• 300~360W Max.

## GaN AC/DC Desktop Adaptor



### Features

- Slim Size
- Gallium Nitride Based Design
- Active PFC Function
- Protections :  
Short circuit / Over voltage / Over current  
Over temperature
- Energy Efficiency Level VI
- No Load Power Consumption  $\leq 0.5W$
- MTBF > 100,000 hours

### EA1360 X Y - vv PP

**X:** AC inlet: 1. C14 2. C8 3. C6 6. C18

**Y:** Output range

**vv:** Specified output voltage, i.e. 12 is 12VDC

**PP:** DC plug type, i.e. Code 01 for 5.5x2.1mm or other options (refer to the appendix page)

### General Specification

#### OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD(Io)	MAX. LOAD(Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1360xA	300W	12-16V	0A	25A	$\pm 5\%$	$\pm 1\%$	240mV
EA1360xB	330W	19-24V	0A	17.36A	$\pm 5\%$	$\pm 1\%$	360mV
EA1360xC	330W	32-42V	0A	10.31A	$\pm 5\%$	$\pm 1\%$	630mV
EA1360xD	330W	48-56V	0A	6.875A	$\pm 5\%$	$\pm 1\%$	840mV
EA1360xH	360W	19-24V	0A	18.94A	$\pm 5\%$	$\pm 1\%$	360mV
EA1360xG	360W	32-42V	0A	11.25A	$\pm 5\%$	$\pm 1\%$	630mV
EA1360xK	360W	48-56V	0A	7.5A	$\pm 5\%$	$\pm 1\%$	840mV

#### 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 240 VAC
- Frequency 50 to 60 Hz
- Input Current  $\leq 5A$
- Inrush Current  $\leq 180A/230VAC$
- Hold up time  $\geq 8.3ms$
- Turn On Time  $\leq 3s$

#### OUTPUT

- Short Circuit Protection Auto Recovery
- Over Voltage Protection Auto Recovery
- Over Current Protection Auto Recovery
- Over Temperature Protection Auto Recovery

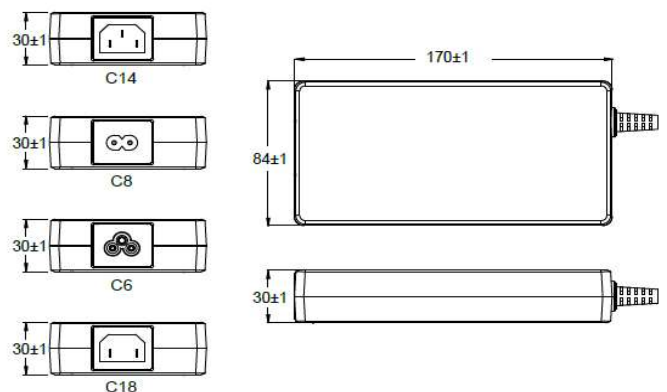
#### ENVIRONMENTAL

- Operating Temperature -20 to 40°C
- Storage Temperature -20 to 85°C
- Operating Humidity 10% to 90 %
- Storage Humidity 5% to 95%

#### 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), UKCA

#### MECHANICAL



- Case Size: 170L x 84W x 30H mm
- AC Inlet: C14, C8, C6, C18
- Weight: 950g