

## AC/DC Desktop Adaptor

ITE / ICT Switching Power Supply



### Features

- LED Indicator
- Active PFC Function
- Protections:
  - Short circuit / Over voltage / Over current
  - Over temperature
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption  $\leq 0.21W$  (VI),  $\leq 0.15W$  (Tier II)
- MTBF > 50,000 hours

### EA1170 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
EA1170XA	130W	12~16V	0A	10.83A	$\pm 5\%$	$\pm 1\%$	240mV
EA1170XB	130W	19~24V	0A	6.84A	$\pm 5\%$	$\pm 1\%$	360mV
EA1170XC	140W	12~16V	0A	11.66A	$\pm 5\%$	$\pm 1\%$	240mV
EA1170XD	140W	19~24V	0A	7.36A	$\pm 5\%$	$\pm 1\%$	360mV
EA1170XE	150W	12~16V	0A	12.5A	$\pm 5\%$	$\pm 1\%$	240mV
EA1170XF	150W	19~24V	0A	7.89A	$\pm 5\%$	$\pm 1\%$	360mV
EA1170XG	150W	32~42V	0A	4.68A	$\pm 5\%$	$\pm 1\%$	630mV
EA1170XH	150W	44~56V	0A	3.12A	$\pm 5\%$	$\pm 1\%$	840mV
EA1170XJ	130W	32~42V	0A	4.06A	$\pm 5\%$	$\pm 1\%$	640mV
EA1170XK	130W	44~56V	0A	2.95A	$\pm 5\%$	$\pm 1\%$	840mV
EA1170XM	160W	12~16V	0A	13.33A	$\pm 5\%$	$\pm 1\%$	240mV
EA1170XN	160W	19~24V	0A	8.42A	$\pm 5\%$	$\pm 1\%$	360mV
EA1170XP	170W	19~24V	0A	8.94A	$\pm 5\%$	$\pm 1\%$	360mV
EA1170XQ	180W	19~24V	0A	9.47A	$\pm 5\%$	$\pm 1\%$	360mV
EA1170XR	180W	32~42V	0A	5.62A	$\pm 5\%$	$\pm 1\%$	630mV
EA1170XS	180W	44~56V	0A	3.75A	$\pm 5\%$	$\pm 1\%$	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 60Hz
- Input Current:  $\leq 2.5A$
- Inrush Current:  $\leq 120A/230VAC$
- Hold Up Time:  $\geq 8.3ms$
- Turn On Time:  $\leq 3s$

#### PROTECTION

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

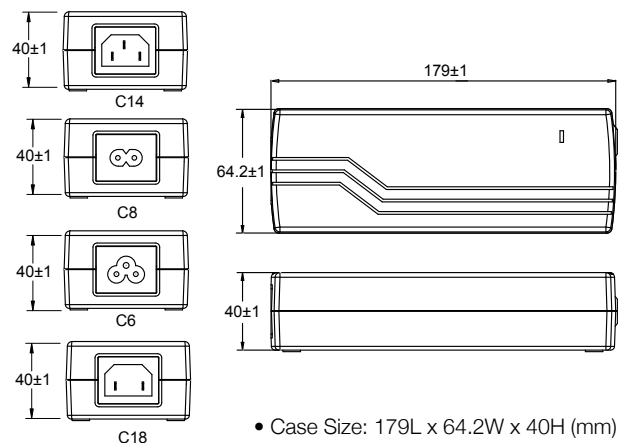
#### ENVIRONMENT

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

#### SAFETY

- Certified for whole series: UL 62368-1, CAN/CSA C22.2 No. 62368-1-14, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035)
- Certified for assigned models: BSMI, PSE, BIS, RCM, KC, CU, PSB, NRCAN, Argentina, KVALITE (I+II)

#### MECHANICAL



- Case Size: 179L x 64.2W x 40H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 705g