



40~65W Desktop single power supply < EA1073

AC/DC Desktop Adapter



Features

- Slim Size
- 100-240VAC Universal Input
- LPS Compliance
- Protections:
 Short circuit / Over voltage / Over current
 Over temperature (optional)
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption
 Less than 50W : $\leq 0.1W(VI)$, $\leq 0.075W$ (Tier II)
 More than (includes) 50W: $\leq 0.21W(VI)$, $\leq 0.15W$ (Tier II)
- MTBF > 100,000 hours

EA1073 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)

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1073xA	40W	12V~18V	0A	3.33A	±5%	±1%	240mV
EA1073xB	40W	19V~24V	0A	2.10A	±5%	±1%	360mV
EA1073xC	40W	32V~42V	0A	1.25A	±5%	±1%	630mV
EA1073xD	40W	44V~56V	0A	0.90A	±5%	±1%	840mV
EA1073xE	50W	12V~18V	0A	4.16A	±5%	±1%	240mV
EA1073xF	50W	19V~24V	0A	2.63A	±5%	±1%	360mV
EA1073xG	50W	32V~42V	0A	1.56A	±5%	±1%	630mV
EA1073xH	50W	44V~56V	0A	1.13A	±5%	±1%	840mV
EA1073xJ	60W	12V~18V	0A	5.0A	±5%	±1%	240mV
EA1073xK	60W	19V~24V	0A	3.15A	±5%	±1%	360mV
EA1073xL	60W	32V~42V	0A	1.87A	±5%	±1%	630mV
EA1073xM	60W	44V~56V	0A	1.36A	±5%	±1%	840mV
EA1073xN	65W	12V~18V	0A	5.41A	±5%	±1%	240mV
EA1073xP	65W	19V~24V	0A	3.42A	±5%	±1%	360mV
EA1073xQ	65W	32V~42V	0A	2.03A	±5%	±1%	630mV
EA1073xR	65W	44V~56V	0A	1.47A	±5%	±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 ±10% of input voltage from nominal line at rated load.
- 3 : Max. Power (W) $\geq V_o \times I_o$

Electrical Specification

INPUT

- Input Range: 100 to 240 VAC
- Frequency: 50 to 60Hz
- Input Current: $\leq 2.0A$
- Inrush Current: $\leq 60A/100VAC$ 120A/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: Latch-off (optional)

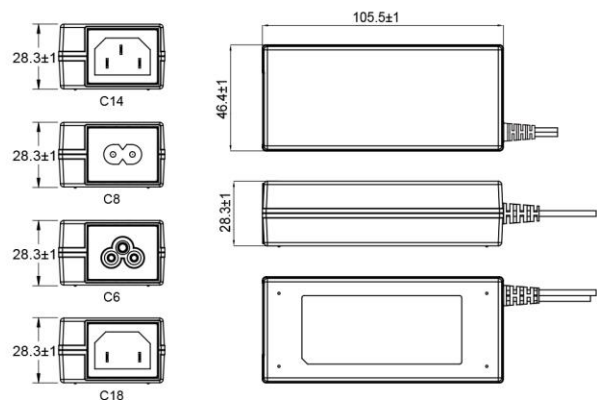
ENVIRONMENT

- Operating Temperature: 0 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/cUL 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE
- Certified for assigned models : BSMI, PSE, KC, BIS

Mechanical Specification



- Case Size: 105.5L x 46.4W x 28.3H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 300g