

EA1040 Series

AC/DC Single Output Desk Top Type

• 19.2~48Watts Max.



Features

- Economy Type
- CEC Compliance
- RoHS Compliance
- IEC320 C8, C6
- Over Current Protective Installation
- Over Voltage Protective Installation
- Protection Type: Auto-Recovery
- MTBF: >30,000 hours

EA1040 x Y - vv PP

x: Case type: 2. C8 3. C6

Y: Output range

vv: Specified output voltage, ie 24 is 24Vdc

PP: Connector type, ie 01 for EDACPOWER standard dc cable or please refer to the appendix page

Electrical Specifications

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1040xA	25W	5~9V	0	5A	± 5%	± 2%	130mV
EA1040xB	20W	5~9V	0	4A	± 5%	± 2%	130mV
EA1040xC	36W	9~12V	0	4A	± 5%	± 2%	180mV
EA1040xD	30W	9~12V	0	3.33A	± 5%	± 2%	180mV
EA1040xE	45W	12~17V	0	3.5A	± 5%	± 2%	250mV
EA1040xF	36W	12~17V	0	3.0A	± 5%	± 2%	250mV
EA1040xG	30W	12~17V	0	2.5A	± 5%	± 2%	250mV
EA1040xH	45W	17~24V	0	2.65A	± 5%	± 2%	350mV
EA1040xJ	40W	17~24V	0	2.35A	± 5%	± 2%	350mV
EA1040xK	36W	17~24V	0	2.12A	± 5%	± 2%	350mV
EA1040xM	30W	17~24V	0	1.8A	± 5%	± 2%	350mV
EA1040xN	48W	48V	0	1.0A	± 5%	± 2%	700mV
EA1040xQ	38.4W	48V	0	0.8A	± 5%	± 2%	700mV
EA1040xR	19.2W	48V	0	0.4A	± 5%	± 2%	700mV
EA1040xT	45W	10~20V	0	3A	± 5%	± 2%	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 ±10% of input voltage from nominal line at rated load.

3 : Max. Output Power (W) ≥Vo x Io

Electrical Specifications

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current ≤1.0A
- Inrush Current ≤60A At cold start
- Efficiency 75% Typ.
- Hold Up Time ≥8.3mS
- Turn On Time ≤3S

OUTPUT

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

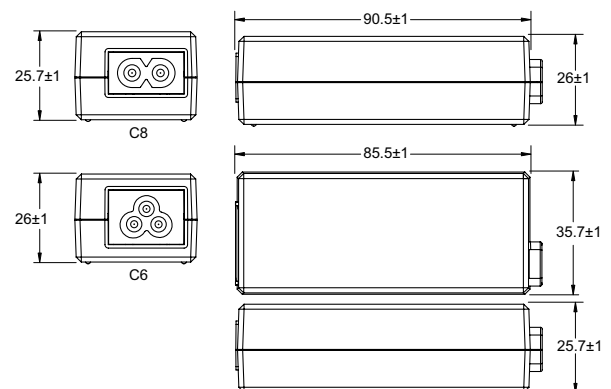
ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Storage Humidity 5% to 95%

SAFETY

- UL/cUL, TUV, CB, CE, FCC, CCC

Mechanical Specification



- Case Size: 85.5L x 35.7W x 25.7H (mm) for C8 AC plug
90.5L x 35.7W x 26H (mm) for C6 AC plug
- AC Inlet: C8, C6
- Weight: 160g