

AC/DC Desktop Adaptor



Features

- LED Indicator (optional)
- LPS Compliance
- Protections :
Short circuit / Over voltage / Over current
Over temperature (optional)
- Energy Efficiency Level VI or CoC Tier II
- No Load Power Consumption $\leq 0.1W$ (VI), $\leq 0.075W$ (Tier II)
- MTBF > 100,000 hours

EA1041 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
EA1041XA	25W	5~9V	0A	5A	$\pm 5\%$	$\pm 1\%$	180mV
EA1041XB	36W	9V	0A	4A	$\pm 5\%$	$\pm 1\%$	180mV
EA1041XC	35W	12~16V	0A	2.91A	$\pm 5\%$	$\pm 1\%$	240mV
EA1041XD	40W	12~16V	0A	3.33A	$\pm 5\%$	$\pm 1\%$	240mV
EA1041XE	45W	12~16V	0A	3.75A	$\pm 5\%$	$\pm 1\%$	240mV
EA1041XF	35W	18~24V	0A	1.94A	$\pm 5\%$	$\pm 1\%$	360mV
EA1041XG	40W	18~24V	0A	2.22A	$\pm 5\%$	$\pm 1\%$	360mV
EA1041XH	45W	18~24V	0A	2.5A	$\pm 5\%$	$\pm 1\%$	360mV
EA1041XJ	40W	32~42V	0A	1.25A	$\pm 5\%$	$\pm 1\%$	480mV
EA1041XK	48W	32~42V	0A	1.5A	$\pm 5\%$	$\pm 1\%$	480mV
EA1041XM	40W	44~56V	0A	0.9A	$\pm 5\%$	$\pm 1\%$	660mV
EA1041XN	48W	44~56V	0A	1.09A	$\pm 5\%$	$\pm 1\%$	660mV

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: $\leq 1.5A$
- 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: Auto Recovery
- Over Current Protection: Auto Recovery
- Over Temperature Protection: Optional

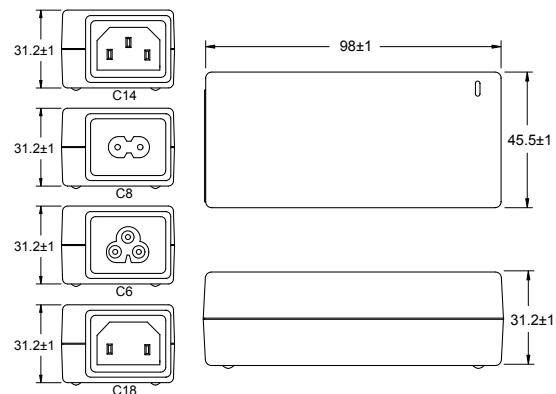
ENVIRONMENT

- Operating Temperature: -20 to $40^{\circ}C$
- Storage Temperature: -20 to $85^{\circ}C$
- 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, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035), UKCA
- Certified for assigned models: CCC

MECHANICAL



- Case Size: 98L x 45.5W x 31.2H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 200g