

## EA1018x21 Series



### Features

- CEC Compliance
- RoHS Compliance
- Desk Top Type
- Over Voltage Protective Installation
- Protection Type: Auto-Recovery
- MTBF: >30,000 hours

### EA1018 x YY - vv PP

- x:** Output range
- Y:** Case type: 21: C8
- 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
EA1018A21	18W	5~9V	0	3.0A	± 5%	± 1%	100mV
EA1018B21	18W	9~13V	0	2.0A	± 5%	± 1%	150mV
EA1018C21	20W	13~18V	0	1.53A	± 5%	± 1%	200mV
EA1018D21	20W	18~24V	0	1.11A	± 5%	± 1%	250mV
EA1018E21	20W	32~36V	0	0.625A	± 5%	± 1%	360mV
EA1018F21	21W	7.5V	0	2.8A	± 5%	± 1%	150mV
EA1018G21	24W	12V	0	2.0A	± 5%	± 1%	150mV

#### 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 EA1018A,B: 76% Typ.  
EA1018C~E: 77% Typ.  
EA1018F: 77.4% Typ.  
EA1018G: 78.6% Typ.
- Hold Up Time ≥8.3mS
- Turn On Time ≤3s

#### OUTPUT

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

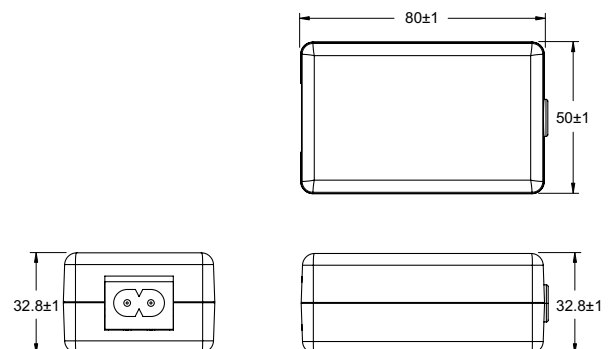
#### ENVIRONMENTAL

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

#### SAFETY

- UL/CUL UL60065, UL60950  
TUV/GS EN/IEC 60065, EN/IEC 60950  
FCC, CE, CB

### Mechanical Specification



- Case Size: 80Lx50Wx32.8H (mm)
- AC Inlet: C8
- Weight: 150g