

# EA1103 Series

• 85~100W Max.

## USB Type-C Adapter



### Features

- USB Power Delivery Function
- 100-240VAC Universal Input
- LED Indicator
- Active PFC Function
- Protections:
  - Short circuit / Over voltage / Over current
  - Over temperature (optional)
- Energy Efficiency Level VI
- No Load Power Consumption  $\leq 0.21W$
- MTBF > 50,000 hours

### EA1103 x y - PP

- x:** AC inlet: 1.C14 2.C8 3.C6 (Class I) 6.C18 7.C6 (Class II)  
**y:** Output range  
**PP:** DC plug Code 92 for USB Type-C

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN.	MAX.	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
			LOAD(Io)	LOAD(Io)			
EA1103XA	85W	5V	0A	3A	±5%	±1%	100mV
		9V					180mV
		12V					240mV
		15V					300mV
		20V					360mV
EA1103XB	90W	5V	0A	3A	±5%	±1%	100mV
		9V					180mV
		12V					240mV
		15V					300mV
		20V					360mV
EA1103XC	100W	5V	0A	3A	±5%	±1%	100mV
		9V					180mV
		12V					240mV
		15V					300mV
		20V					360mV
EA1103XD	85W	5V	0A	3A	±5%	±1%	100mV
		9V					180mV
		15V					300mV
		20V					360mV
		4.25A					
EA1103XE	90W	5V	0A	3A	±5%	±1%	100mV
		9V					180mV
		15V					300mV
		20V					360mV
		4.5A					
EA1103XF	100W	5V	0A	3A	±5%	±1%	100mV
		9V					180mV
		15V					300mV
		20V					360mV
		5A					

#### 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)  $\cong V_o \times I_o$

### Electrical Specification

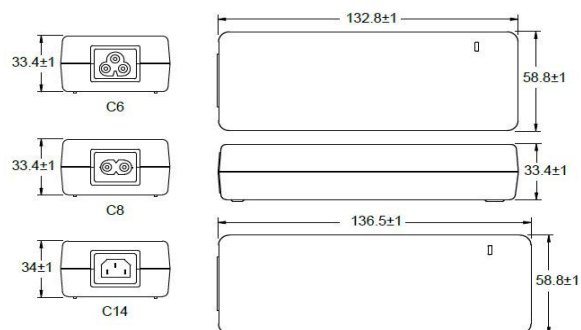
#### INPUT

- Input Range 100 to 240 Vdc
- Frequency 50 to 60Hz
- Input Current  $\leq 2.5A$
- Inrush Current  $\leq 120A/230VAC$
- Hold UP Time  $\cong 0.5ms$
- 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)

### Mechanical Specification

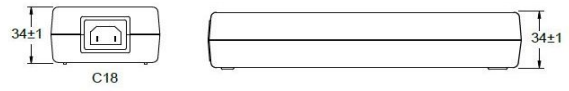


#### ENVIRONMENTAL

- 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 IEC62368-1, FCC, CE



- Case Size: 133Lx59Wx33.5H (mm)For AC inlet C8,C6
- Case Size: 137Lx59Wx34H (mm)For AC inlet C14,C18
- Weight: 600g

Above safety certificates are for reference only. Please contact our sales department for more details.