

# FRA030E

S E R I E S

## 30 Watts Single Output AC-DC Adaptor DeskTop Type

### FEATURES

- ◆ Universal input, desktop style
- ◆ Single output 30W, anywhere output voltage 11~50VDC
- ◆ No load power consumption (@no load) < 0.075W
- ◆ Comply with EISA 2007 / DoE 6 & EU ErP and CoC 5



### SPECIFICATIONS

Input Voltage Range..... 90~264VAC  
 Input Current (rms)..... 0.7A Max.  
 Efficiency..... 87% typ. at full load \*  
 Output Voltage.....(anywhere output voltage)..... 11~50VDC  
 Voltage Regulation..... ± 5% max.  
 Max. Power..... 30W  
 Withstand Voltage..... I/P-O/P: 3000 VAC (Class II)  
 I/P-O/P(V+): 4242 VDC, I/P-FG: 2121 VDC (Class I)  
 Operating Temperature..... -10°C ~ +60°C  
 (derated linearly from 100% load @ 40°C to 50% load @ 60°C)  
 Storage Temperature..... -20°C ~ 85°C  
 Operating Humidity..... 20% to 90% RH  
 Protections..... OVP, OLP, Short Circuit Protection  
 Safety Standard..... .UL60950-1, EN60950-1,CE, CB  
 EMC Standard..... (EN55022, CISPR22, FCC Part 15) class B,  
 EN61000-3-2, 3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024  
 Standard output connector..... DC barrel jack  
 Standard output cable / length..... UI1185 1.0M

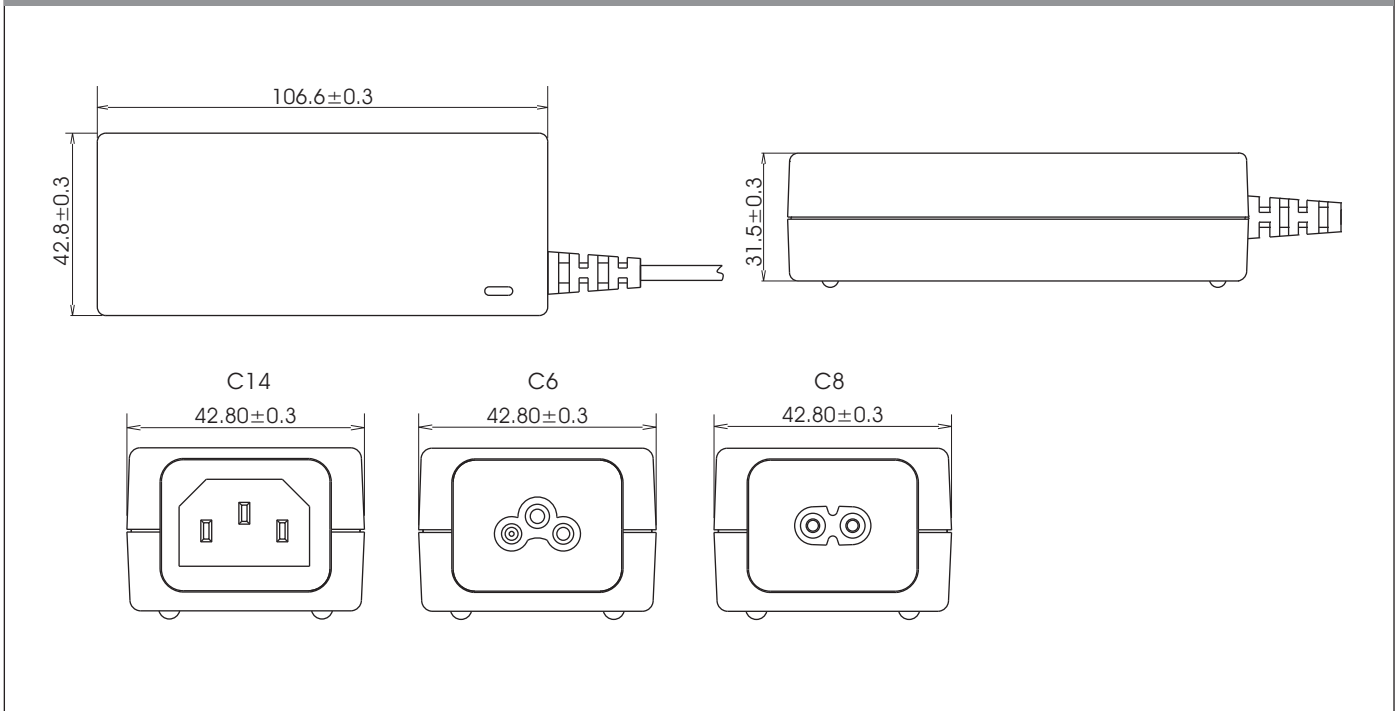
Model Number	Output Voltage (VDC)	Output Current (A)	Output Max. Watts	EFF. Level
FRA030E-S12-x	11~13	2.73~2.30	30W	VI
FRA030E-S15-x	13~16	2.30~1.87	30W	VI
FRA030E-S18-x	16~21	1.87~1.43	30W	VI
FRA030E-S24-x	21~27	1.43~1.11	30W	VI
FRA030E-S30-x	27~33	1.11~0.91	30W	VI
FRA030E-S36-x	33~40	0.91~0.75	30W	VI
FRA030E-S48-x	40~50	0.75~0.60	30W	VI

#### Ordering Information:

x= AC Inlet Type Code  
 x= 4, IEC320 C14    x= 6, IEC320 C6    x= 8, IEC320 C8

\* This data is taken after 30 mins. burn-in  
 All specifications are typical at nominal line, full load and 25°C,  
 unless otherwise noted.

### MECHANICAL DRAWING (Unit: mm)



Desktop Adaptor