FRA030E
S E R I E S

30 Watts Single Output AC-DC Adaptor DeskTop Type

FEATURES

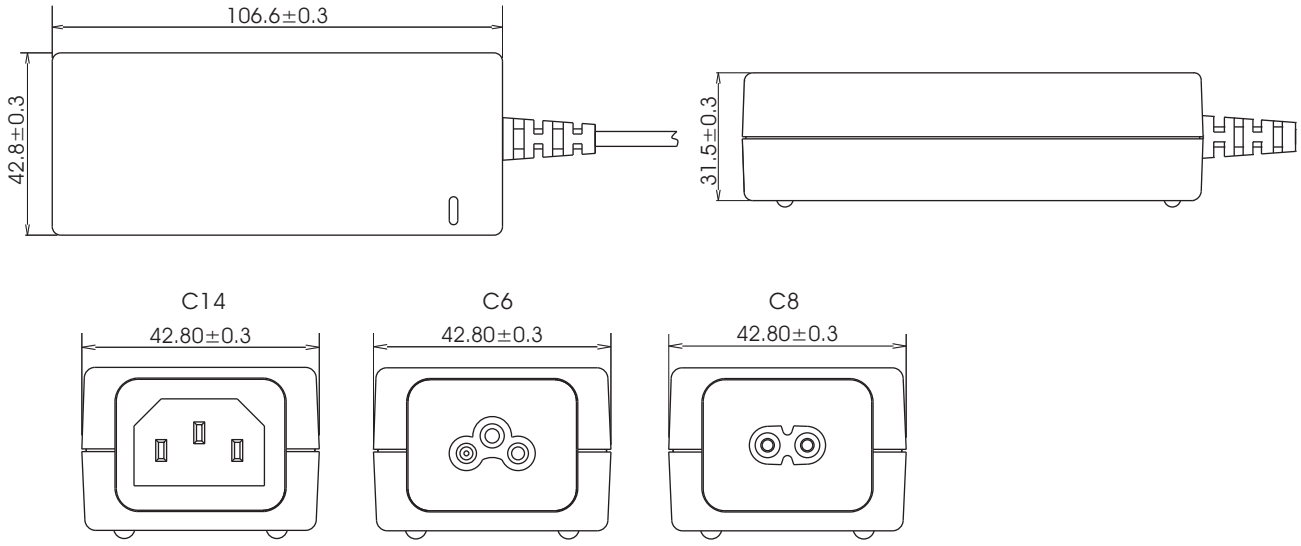
- Universal input, desktop style
- Single output 30W, anywhere output voltage 11~50VDC
- No load power consumption (@no load) < 0.075W
- Comply with EISA 2007 / DoE 6 & EU ErP and CoC 5

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℃ ~ +60℃
(derated linearly from 100% load @ 40℃ to 50% load @ 60℃)
Storage Temperature..... -20℃ ~ 85℃
Operating Humidity..... 20% to 90% RH
Protections..... OVP, OLP, Short Circuit Protection
Safety Standard..... IEC/UL/EN 62368-1,CE, CB
EMC Standard..... (EN55032, CISPR22, FCC Part 15) class B,
EN61000-3-2, 3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55035
Standard output connector..... DC barrel jack
Standard output cable / length..... UL1185 1.0M

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

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

MECHANICAL DRAWING (Unit: mm)