FRA042 SERIES

42 Watts Single / Dual Output AC-DC Adaptor DeskTop Type

** RCM for class I only

FEATURES

- Universal input
- Desktop style, class I & Class II
- Single and dual output available
- 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)..... 1.2A Max.
Withstand Voltage..... I/P-O/P: 3000 VAC (Class II)
I/P-O/P(V+): 4242 VDC, I/P-FG: 2121 VDC (Class I)
Efficiency..... 87% typ. at full load *
Output Voltage..... See model list
Voltage Regulation..... Single Output ± 5% Max.
Dual Output 3.3V ± 7% Max, others ± 5% Max.
Max Power..... 42W
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 60950-1/62368-1,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
MTBF.....caculated per MIL-HDBK-217F @ 25℃ GB >100,000Hrs
Standard Output Connector..... DC barrel jack
Standard Output Cable/Length..... UL1185 or UL1571 / 1.0M

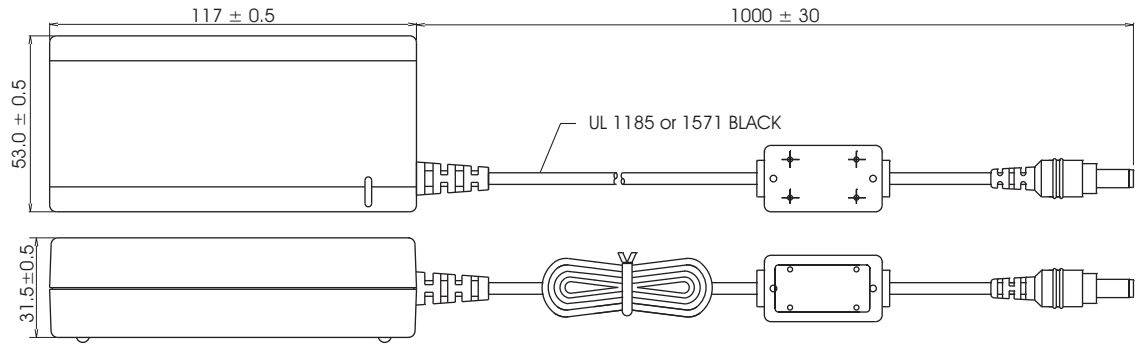
* This data is taken after 30 mins. burn-in ; except dual output
All specifications are typical at nominal line, full load and 25℃, unless otherwise noted.

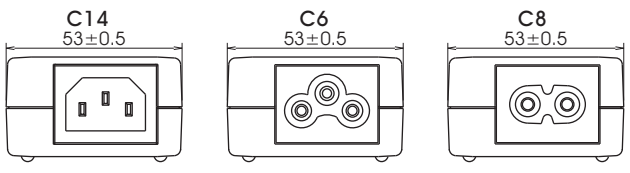
Model Number	Output #1		Output #2		Max. Watts	EFF. Level	LPS
	Vol. (V)	Current (A)	Vol. (V)	Current (A)			
FRA042-S12-x	11~14	3.82~3.00			42	VI	V
FRA042-S15-x	14~17	3.00~2.47			42	VI	V
FRA042-S18-x	17~21	2.47~2.00			42	VI	V
FRA042-S24-x	21~27	2.00~1.56			42	VI	V
FRA042-S48-x	40~48	1.05~0.87			42	VI	V
FRA042-D13-x	5.0	0.3~3	12	0.3~3.0	42		
FRA042-D13A-x	5.0	0.5~5	12	0.3~2.0	42		
FRA042-D13C-x	5.2	0.5~5	12	0.3~2.0	42		
FRA042-D17-x	5.0	0.3~3	24	0.2~1.5	42		
FRA042-D17A-x	5.0	0.5~5	24	0.2~1.0	42		

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

Note:
For multi output models, each output can load to it's max. current but total power wattage shall not exceed max. output wattage.

MECHANICAL DRAWING (Unit: mm)





Output Connector			
	⊕ ● ⊖		Single
Metal Shield 5	Pin 1	+ V1	Dual
	Pin 2	+ V2	
	Pin 3	GND	
	Pin 4		
	Shield 5	GND	