

F R A O 4 2

S E R I E S



42 Watts Single Output AC-DC Adaptor DeskTop Type

FEATURES

- Universal Input
- Desktop style, class I & Class II
- Single and dual output available
- Meet CEC regulation, efficiency level V.

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 (For Class I)
 Efficiency.....75% min. @ full load
 (Avg. Eff.) Compliance to CEC (for CEC req. Models)
 Output Voltage.....See model list
 Voltage Regulation.....Single Output $\pm 5\%$ Max.
 Dual Output $3.3V \pm 7\%$ Max, others $\pm 5\%$ Max.
 Max Power.....42W
 Operating Temperature.....-10°C ~ +50°C
 (derated linearly from 100% load @ 40°C to 75% load @ 50°C)
 Storage Temperature.....-20°C ~ 85°C
 Operating Humidity.....20% to 90% RH
 Protections.....OVP, OLP, short circuit protection
 Safety Standard.....IEC/UL/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
 MTBF.....calculated per MIL-HDBK-217F @ 25°C GB > 100,000Hrs
 Standard Output Connector.....DC Barrel Jack
 Standard Output Cable/Length.....UL1185 / 4 Ft.
 Packing/Dimension..... 32pcs / 11.02kgs / 45x41x18 cm

All Specifications are Typical at Nominal Line, full Load and 25°C.
 Unless Otherwise Noted.

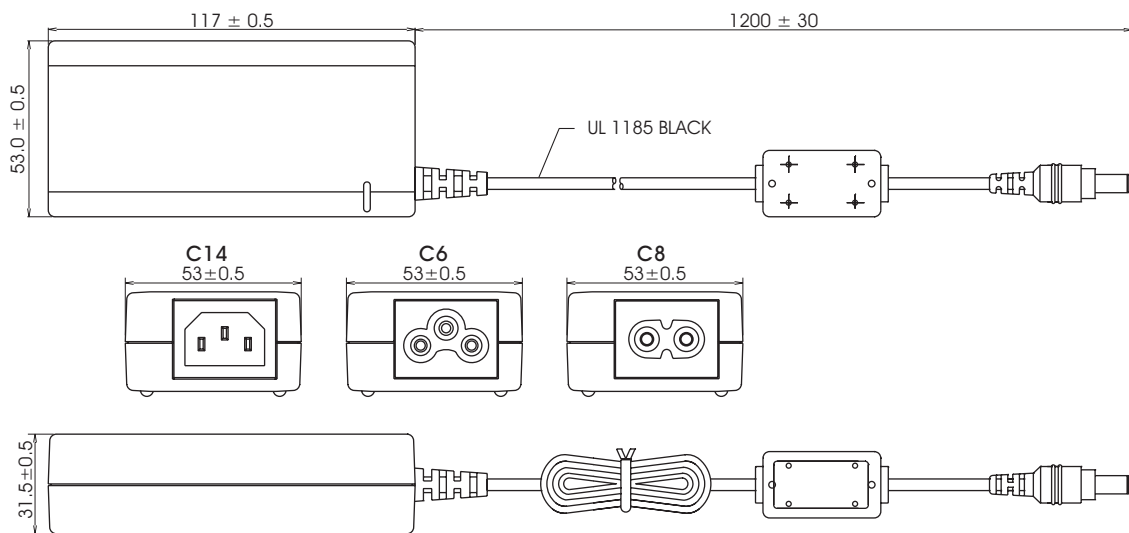


Model Number	Output #1		Output #2		Max. Watts	* CEC	LPS/PSE
	Vol. (V)	Current (A)	Vol. (V)	Current (A)			
FRA042-S12-x	11~14	3.82~3.0			42	V	V
FRA042-S15-x	14~17	3.0~2.47			42	V	V
FRA042-S18-x	17~21	2.47~2.0			42	V	V
FRA042-S24-x	21~27	2.0~1.56			42	V	V
FRA042-S30-x	27~33	1.56~1.27			42	V	V
FRA042-S33-x	33~40	1.27~1.05			42	V	V
FRA042-S48-x	40~48	1.05~0.87			42	V	V
FRA042-D01-x	3.3	0.3~3	5	0.3~3	25		
FRA042-D01A-x	3.3	0.4~4	5	0.4~2.4	25		
FRA042-D03-x	3.3	0.3~3	12	0.3~3	42		
FRA042-D03A-x	3.3	0.4~4	12	0.3~2.4	42		
FRA042-D07-x	3.3	0.3~3	24	0.2~1.5	42		
FRA042-D07A-x	3.3	0.4~4	24	0.2~1.2	42		
FRA042-D13-x	5	0.3~3	12	0.3~3	42		
FRA042-D13A-x	5	0.5~5	12	0.3~2	42		
FRA042-D13B-x	5.2	0.6~3	12	0.3~2.5	42		
FRA042-D13C-x	5.2	0.5~5	12	0.3~2	42		
FRA042-D17-x	5	0.3~3	24	0.2~1.5	42		
FRA042-D17A-x	5	0.5~5	24	0.2~1	42		

Ordering Information:

- * Those items with CEC level V compliance are also compliant to ErP step 2.
- * CEC compliance model standby power (@ no load) < 0.3 W.
- * For multi output models. Each out can load to it's max. Current. But the total power wattage shall not exceed Max. Output Power.
- * Note: x=Inlet Type code,
 x = 4, IEC320 C14 / x = 6, IEC320 C6 / x = 8, IEC320 C8

MECHANICAL DRAWING (Unit: mm)



Desktop Adaptor