

F R A O 2 4

S E R I E S

12 ~ 24 Watts Single Output AC-DC Adaptor WallMount Type

FEATURES

- ◆ Universal input, wall mount style
- ◆ Interchangeable plug type - kit sold separately
- ◆ Single output 12~24W, anywhere output voltage 3~50VDC
- ◆ 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..... 81.5% typ. at full load *
 Output Voltage.....(anywhere output voltage)..... 3~50VDC
 Voltage Regulation..... ± 5% max.
 Max. Power..... 24W
 Withstand Voltage..... I/P-O/P: 3000 VAC
 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..... 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...UL2468 1.5M (1.0M for 12V or lower)

* This data is taken after 30 mins. burn-in ; except 3.3V
 All specifications are typical at nominal line, full load and 25°C,
 unless otherwise noted.



Model Number	Output Voltage (VDC)	Output Current (A)	Output Max. Watts	EFF. Level
FRA024-S05-x	5~6	3.00~2.50	15W	VI
FRA024-S07-x	6~8	2.50~1.88	15W	VI
FRA024-S09-x	8~11	2.50~1.80	20W	VI
FRA024-S12-x	11~13	2.20~1.85	24W	VI
FRA024-S15-x	13~16	1.85~1.50	24W	VI
FRA024-S18-x	16~21	1.50~1.15	24W	VI
FRA024-S24-x	21~27	1.15~0.90	24W	VI
FRA024-S30-x	27~33	0.90~0.72	24W	VI
FRA024-S36-x	33~40	0.73~0.60	24W	VI
FRA024-S48-x	40~50	0.60~0.48	24W	VI

Ordering Information:
 x= AC Plug Type code

A	Australian plug	C	China plug	E	Euro plug
U	US plug	I	Interchangeable Type		

6 types of interchangeable AC plugs:

IA	Australian plug	IB	British plug	IC	China plug
IE	Euro plug	II	Indian plug	IU	US plug

MECHANICAL DRAWING (Unit: mm)

