

# F R A O 1 2

S E R I E S

## 8 ~ 15 Watts Single Output AC-DC Adaptor WallMount Type

### FEATURES

- ◆ Universal input, wall mount style
- ◆ Interchangeable plug type - kit sold separately
- ◆ Single output 8~15W, anywhere output voltage 3~27VDC
- ◆ 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)..... 0.4A Max.  
 Output Voltage.....(Any where output voltage)..... 3 ~ 27VDC  
 Efficiency..... 80.5% typ. at full load \*  
 Voltage Regulation..... ± 5% max.  
 Max Power..... 15W  
 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..... Short Circuit, OVP, OLP  
 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  
 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
FRA012-S05-x	5~6	2.00~1.67	10W	VI
FRA012-S07-x	6~8	1.67~1.25	10W	VI
FRA012-S09-x	8~11	1.50~1.09	12W	VI
FRA012-S12-x	11~13	1.09~0.92	12W	VI
FRA012-S15-x	13~16	0.92~0.75	12W	VI
FRA012-S18-x	16~21	0.94~0.71	15W	VI
FRA012-S24-x	21~27	0.71~0.56	15W	VI
FRA012-S120-x	12	1.25	15W	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)

