

# F R A O 1 8

S E R I E S



## 11 ~ 18 Watts Single Output AC-DC Adaptor DeskTop Type

### FEATURES

- Universal Input, desktop style
- Interchangeable plug type available(see FRA018 wall mount)
- Single output 11~18W, Anywhere output voltage 3~50VDC
- Meet CEC regulation, efficiency level V or IV

### SPECIFICATIONS

Input Voltage Range.....90~264VAC  
 Input Current (rms).....0.7A Max.  
 Efficiency.....72% type. at full load  
 (Avg. Eff.) fit requirement for CEC models  
 Output Voltage.....(anywhere output voltage)..... 3~50VDC  
 Voltage Regulation.....± 5% max  
 Max. Power.....18W  
 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)  
 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.....UL60950-1, 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  
 Standard output connector.....Dc barrel jack  
 Standard output cable / length.....UL1185 / 4 Ft.  
 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	CEC*
FRA018-S03-x	3~5	3.67~2.20	11W	
FRA018-S05-x	5~6	2.40~2.00	12W	V
FRA018-S07-x	6~8	2.20~1.63	13W	V
FRA018-S09-x	8~11	2.25~1.64	18W	V
FRA018-S12-x	11~13	1.64~1.39	18W	V
FRA018-S15-x	13~16	1.39~1.13	18W	V
FRA018-S18-x	16~21	1.13~0.86	18W	V
FRA018-S24-x	21~27	0.86~0.67	18W	V
FRA018-S30-x	27~33	0.67~0.55	18W	IV
FRA018-S36-x	33~40	0.55~0.45	18W	IV
FRA018-S48-x	40~50	0.45~0.36	18W	IV

z	Wall Mount Plug	z	Desk Top AC Inlet
A	Australian plug	4	IEC320 C14
U	US plug	6	IEC320 C6
E	EU plug	8	IEC320 C8
B	British plug		
I	Interchangeable plug (IA, IB, IC, IU, IE)		

#### Ordering Information:

- \* Those items with CEC level V (or IV) compliance are also compliant to ErP step 2, (or 1).
- \* CEC compliance model standby power (@no load) < 0.3 W (for V), < 0.5W (for IV)
- \* Note: x= AC Inlet Type Code

DeskTop Adaptor

### MECHANICAL DRAWING (Unit: mm)

