

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

FEATURES

- ◆ Universal input, desktop style
- ◆ Single output 11~18W, 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..... 82% typ. at full load *
 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 (Class I)
 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..... UL1185 1.0M

* 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
FRA018-S05-x	5~6	2.40~2.00	12W	VI
FRA018-S07-x	6~8	2.20~1.63	13W	VI
FRA018-S09-x	8~11	2.25~1.64	18W	VI
FRA018-S12-x	11~13	1.64~1.39	18W	VI
FRA018-S15-x	13~16	1.39~1.13	18W	VI
FRA018-S18-x	16~21	1.13~0.86	18W	VI
FRA018-S24-x	21~27	0.86~0.67	18W	VI
FRA018-S30-x	27~33	0.67~0.55	18W	VI
FRA018-S36-x	33~40	0.55~0.45	18W	VI
FRA018-S48-x	40~50	0.45~0.36	18W	VI

Ordering Information:

x= AC Inlet Type Code

x= 4, IEC320 C14 x= 6, IEC320 C6 x= 8, IEC320 C8

MECHANICAL DRAWING (Unit: mm)

