

## 60 Watts Single Output AC-DC Adaptor Interchangeable Type

### FEATURES

- ◆ Universal input, Interchangeable style
- ◆ Interchangeable plug type - kit sold separately
- ◆ Single output 60W max.
- ◆ No load power consumption 5-9V < 0.075W ; 12-54V < 0.15W
- ◆ Comply with EISA 2007 / DoE 6 & EU ErP and CoC 5

### SPECIFICATIONS

Input Voltage Range..... 90~264VAC  
 Input Current (rms)..... 1.4A Max.  
 Efficiency..... 88% typ. at full load \*  
 Voltage Regulation..... ± 5% max.  
 Max. Power..... 60W  
 Withstand Voltage..... I/P-O/P: 4000 VDC  
 Operating Temperature..... -30°C ~ +70°C  
 (derated linearly from 100% load @ 40°C, 80% load @ 50°C to 50% load @ 70°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, CISPR32, 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 / 5~12V (1.0M) & 15~54V (1.5M)

\* This data is taken after 30 mins. burn-in ; except 5V~9V  
 All specifications are typical at nominal line, full load and 25°C,  
 unless otherwise noted.



LPS CE FCC LVD CB

MODEL Number	Output Voltage (V)	Output Current (A)	Output Max. Watts	EFF. Level
FRA060-S050-I	5.0	5.60	28W	VI
FRA060-S070-I	7.5	3.73	28W	VI
FRA060-S090-I	9.0	4.00	36W	VI
FRA060-S120-I	12.0	5.00	60W	VI
FRA060-S150-I	15.0	4.00	60W	VI
FRA060-S200-I	20.0	3.00	60W	VI
FRA060-S240-I	24.0	2.50	60W	VI
FRA060-S480-I	48.0	1.25	60W	VI
FRA060-S540-I	54.0	1.11	60W	VI

6 types of interchangeable AC plugs  
 Ordering Code : IAN, IB, IC, IE, II, IU

IAN	Australian plug	IB	British plug	IC	China plug
IE	EU plug	II	Indian plug	IU	US plug

### MECHANICAL DRAWING (Unit: mm)

