

## 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.....  $\pm 5\%$  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)

