

## FW50 Series

## 50 Watt AC Adapter

**Features**  
 Wide range AC input  
 Fully enclosed plastic case  
 Fully regulated output  
 High efficiency  
 Warranty: 5 years

**Environmental**  
 Operating temperature..... 0°C to 40°C  
 Storage temperature..... -55°C to 85°C  
 Weight: 0.8 lbs

**EMI**  
 Meets FCC class B, CISPR 22 class B

**Safety**  
 UL UL1950  
 eUL CSA 22.2 NO. 950  
 Nemko EN 60950  
 CE Marked

**Electrical specifications**

**Input**  
 Voltage ..... 100-240VAC  
 Current ..... 1.0 Amp @ 100VAC  
 Frequency ..... 47 – 63 Hz  
 AC Cord..... Optional  
 Input connector..... 3 Pin IEC 320 input receptacle

**Output**  
 Line regulation..... TYP +/- 1%  
 Load regulation..... TYP +/- 5%  
 Set point..... +/- 3% at 60% load  
 Hold up time..... 20ms minimum at full load 115VAC  
 Over voltage protection ..... Built-in  
 Over current protection ..... Built-in  
 Short circuit protection..... Pulsing Mode, auto recovery  
 Efficiency..... 80% minimum at full load and 115 VAC  
 Transient response..... 2ms for 50% load change typical  
 Ripple/noise (V<sub>r-p</sub>) ..... +/- 1% (20 MHz bandwidth)  
 Output connector..... barrel type (5.5 x 2.5 x 9.5mm)

Polarity:      COM +V

**Output Electrical Specifications**

| Model No.  | Voltage | Power | Current |
|------------|---------|-------|---------|
| FW5012-760 | 12V     | 50W   | 4.15A   |
| FW5018-760 | 18V     | 50W   | 2.75A   |
| FW5024-760 | 24V     | 50W   | 2.10A   |