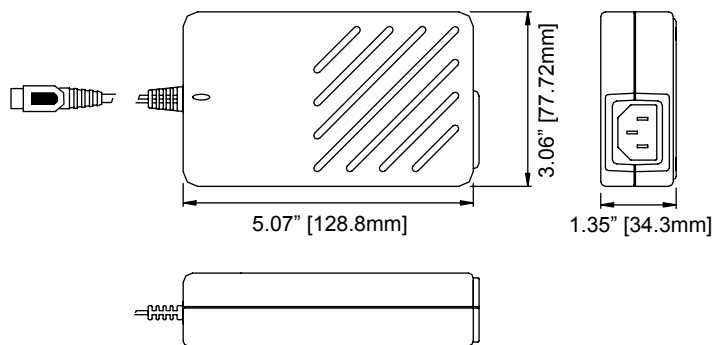


# MW65F series

## 65 Watt Medical Grade AC Adapter



### Features

|                        |                         |
|------------------------|-------------------------|
| Wide range AC input    | Medical grade approval  |
| Fully regulated output | Also available in white |
| Floating output        | 5 year warranty         |
| High efficiency        | RoHS compliant          |
| LED indicator          | CEC compliant           |

### Environmental

|                            |                 |
|----------------------------|-----------------|
| Operating temperature..... | 0° C to 40° C   |
| Storage temperature.....   | -40° C to 85° C |
| Weight =                   | 1.2 lbs         |

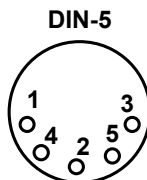
### EMI/EMC

Meets FCC class B, CISPR 11 class B  
EMC per EN60601-1-2

### Safety

CSA C22.2 No. 60601.1-M90  
UL 60601-1, 2nd Edition  
cTUVus IEC 60601-1  
CE Marked EN60601-1-2:2001

| Polarity | 1   | 2   | 3   | 4   | 5   |
|----------|-----|-----|-----|-----|-----|
| DIN-5    | Com | Com | +V1 | Com | +V1 |



### Input and Output Connections

Input connector (P1) = IEC 60320 inlet plug  
Output connector (P2) = DIN-5 pin circular connector  
Output cable length (9V) = 4ft (+4"/-0")  
Output cable length (12/15/24V) = 6ft (+4"/-0")

### Electrical Specifications

#### Input

|                             |                   |
|-----------------------------|-------------------|
| Voltage.....                | 100 - 240 VAC     |
| Current.....                | 2.0 Amp @ 100 VAC |
| Frequency.....              | 50 - 60 Hz        |
| Max. Earth leakage current: |                   |

| Test Voltage  | Normal | Single-fault |
|---------------|--------|--------------|
| 132 VAC 60 Hz | 55 uA  | 90 uA        |
| 264 VAC 60 Hz | 80 uA  | 155 uA       |

#### Output

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Total regulation.....                 | <+/- 5%                          |
| Set point accuracy.....               | <+/- 3% at 60% load              |
| Hold up time.....                     | >12 ms min at full load, 115 VAC |
| Over voltage protection.....          | Built-in                         |
| Over current protection.....          | Built-in                         |
| Short circuit protection.....         | Pulsing mode, auto recovery      |
| Ripple/noise (V <sub>p-p</sub> )..... | <1% (20MHz Bandwidth)            |

| Model No.        | Volt | Power | Current | Eff @ 115VAC (Typ) |
|------------------|------|-------|---------|--------------------|
| MW6509-D5F-NC-BK | 9V   | 65W   | 7.2A    | 81%                |
| MW6512-D5F-NC-BK | 12V  | 65W   | 5.4A    | 83%                |
| MW6515-D5F-NC-BK | 15V  | 65W   | 4.3A    | 85%                |
| MW6524-D5F-NC-BK | 24V  | 65W   | 2.7A    | 87%                |