

**Model: HEM75 Series**

Total Power	70 Watts
Input Voltages	90-264 VAC
Outputs	Single

**SPECIAL FEATURES**

- Universal Input
- Meets Medical Standards EN60601-1/UL2601-1
- RoHS compliant – LF designation on power supply label indicates RoHS compliance
- EMI meets EN55011 FCC Class B
- CE compliant

**ENVIRONMENTAL SPECIFICATIONS**

Operating Temperature: 0 to +40°C

Power Density: 4.69 Watts/Cubic inch

Storage Temperature: -20° to +85°C

Temperature coefficient: ±0.04% / °C

Cooling: Free air convection

**SAFETY APPROVALS**

Medical Standards IEC60601-1/EN60601-1/UL2601-1, Class I



**ELECTRICAL SPECIFICATIONS**

**Input Specifications**

Input Range.....90-264 VAC  
 Frequency.....47-63 Hz  
 EMI filter.....EN55011 FCC Class B  
 Input Connector.....IEC320-3P DT7  
 AC input receptacle  
 Inrush Current.....60A @ 230 VAC  
 Input Current.....1.24A @ 115Vac  
 0.87A @ 230Vac  
 Dielectric Withstand.....Meet IEC60601-1  
 Hold-up Time.....20mS @ 115Vac  
 102mS @ 230Vac  
 Efficiency.....86-90%  
 Switching Frequency.....66 KHz.  
 Leakage.....<0.2mA

**Output Specifications**

DC Output.....Maximum continuous output power 70 Watts.  
 Line Regulation.....1.0%  
 Load Regulation.....±5.0%  
 Tolerance.....±3-5%  
 Ripple and Noise.....1.0% Pk to Pk

300-1 Route 17 South Suite B2  
 Lodi, NJ 07644  
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### **ELECTRICAL SPECIFICATIONS (CONT')**

#### **Output Specifications**

Transient Response.....Output voltage returns peak deviation 62-80mV.

OVP.....Built-in by latch circuit

Overload Protection (OLP).....115% to 125%

#### **NOTES**

- Specifications subject to change without notice.
- All dimensions in inches/mm
- Warranty: 1 year
- Weight: 13.2Oz. (373g)

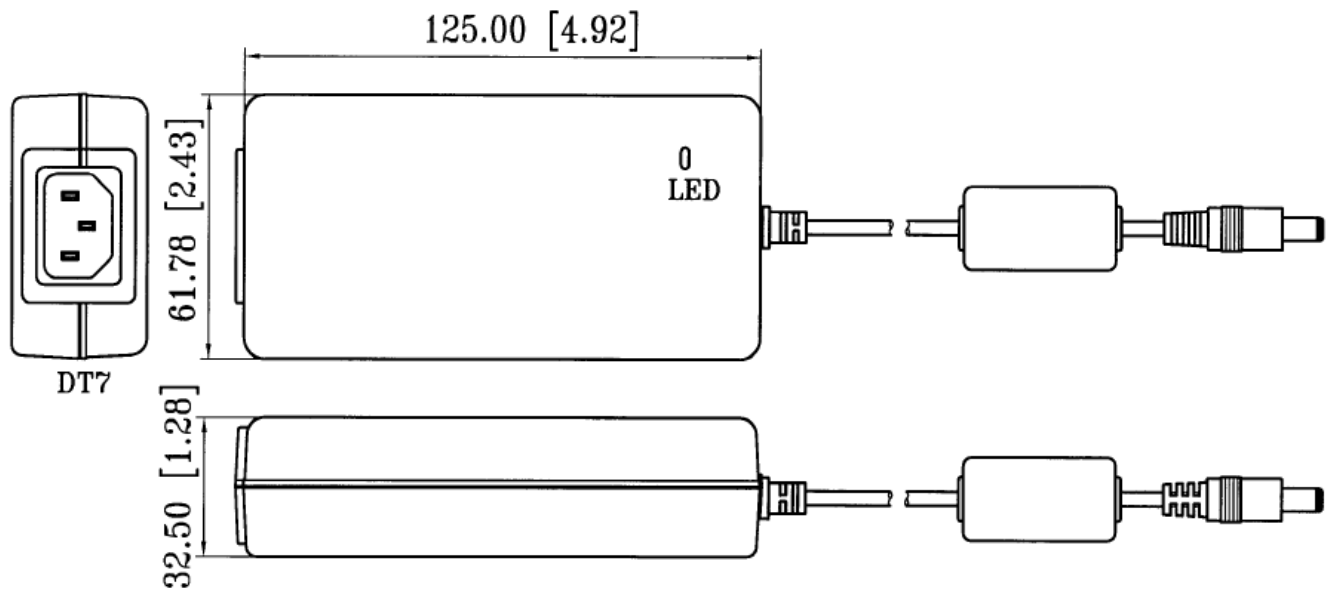
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### MODEL No. / OUTPUT VOLTAGE / CURRENT RATINGS CHART

Model No.	AC Inlet	O/P Voltage (Vdc)	Current
HEM75-120580-7	DT7	12.0V	5.8A
HEM75-150470-7	DT7	15.0V	4.7A
HEM75-180400-7	DT7	18.0V	4.0A
HEM75-240300-7	DT7	24.0V	3.0A
HEM75-300240-7	DT7	30.0V	2.4A
HEM75-480150-7	DT7	48.0V	1.5A

### MECHANICAL DIMENSIONS: mm (Inches)



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