



3"W x 5"L x 1.7"H

- Universal 90-264VAC Input
- Compact Footprint
- High Efficiency
- Regulated Outputs
- 5656VDC Isolation
- Built in EMI Filter



<b>Model Number</b>	<b>Output Voltage</b>	<b>Output Amps (max)</b>	<b>Ripple/Noise pp,typ</b>
MMK75S-12	12 VDC	6.25	120mv
MMK75S-15	15 VDC	5	150mv
MMK75S-24	24 VDC	3.13	240mv

Medical Grade 75 Watt Enclosed Switching Power Supplies

**MMK75S** series

**INPUT SPECIFICATIONS**

Input Voltage Range	90-264 VAC; (110-240VAC Nominal.)
Frequency Range	47-63 Hz
Inrush Current, typ:	20A @ 115VAC Input * 40A @ 230VAC Input *
Leakage Current	<0.3mA @ 240VAC, 50Hz

**OUTPUT SPECIFICATIONS**

Voltage and Current	See Selection Chart
Load Regulation (20%-100%)	± 1%, typ
Line Regulation	± 0.5%, typ
Voltage Tolerance	± 1%, typ
DC Voltage Adjust (typ)	6% of FS, typ
Temperature Coefficient	± 0.03%/°C
Ripple/Noise	1% Pk-Pk, typ
Over Voltage Protection	130% max. Auto recovery *
Over Current Protection	150% max., Auto-recovery *
Short Circuit Protection	Auto-recovery
Hold Up Time	20mS, typ (Nom I/P, FL)
Turn On Time	≤ 1.0 sec, typ
Rise Time	≤ 25 msec, typ
Over/Under Shoot	< 10% of FS

**GENERAL SPECIFICATIONS**

Isolation	I/P-O/P: 5656VDC I/P-Ground: 2121VDC O/P-Ground: 707VDC
Efficiency	82%, typ 24V: 84%
Safety UL/cUL:	ANSI/AAMI ES60601-1 3rd ed. CSA C22.2 No. 60601-1 3rd ed.
UL-EU:	EN60601-1 3rd ed.
CB:	IEC60601-1 3rd ed.
CE:	EN60601-1-2
MTBF	100,000 Hours

**ENVIRONMENTAL SPECIFICATIONS**

Oper. Temperature	0 to +60°C (see derate)
Storage Temperature	-25 to +71°C *
Relative Humidity	10% to + 95%, non-cond *
EMI (Designed to Meet)	EN55011, Class B

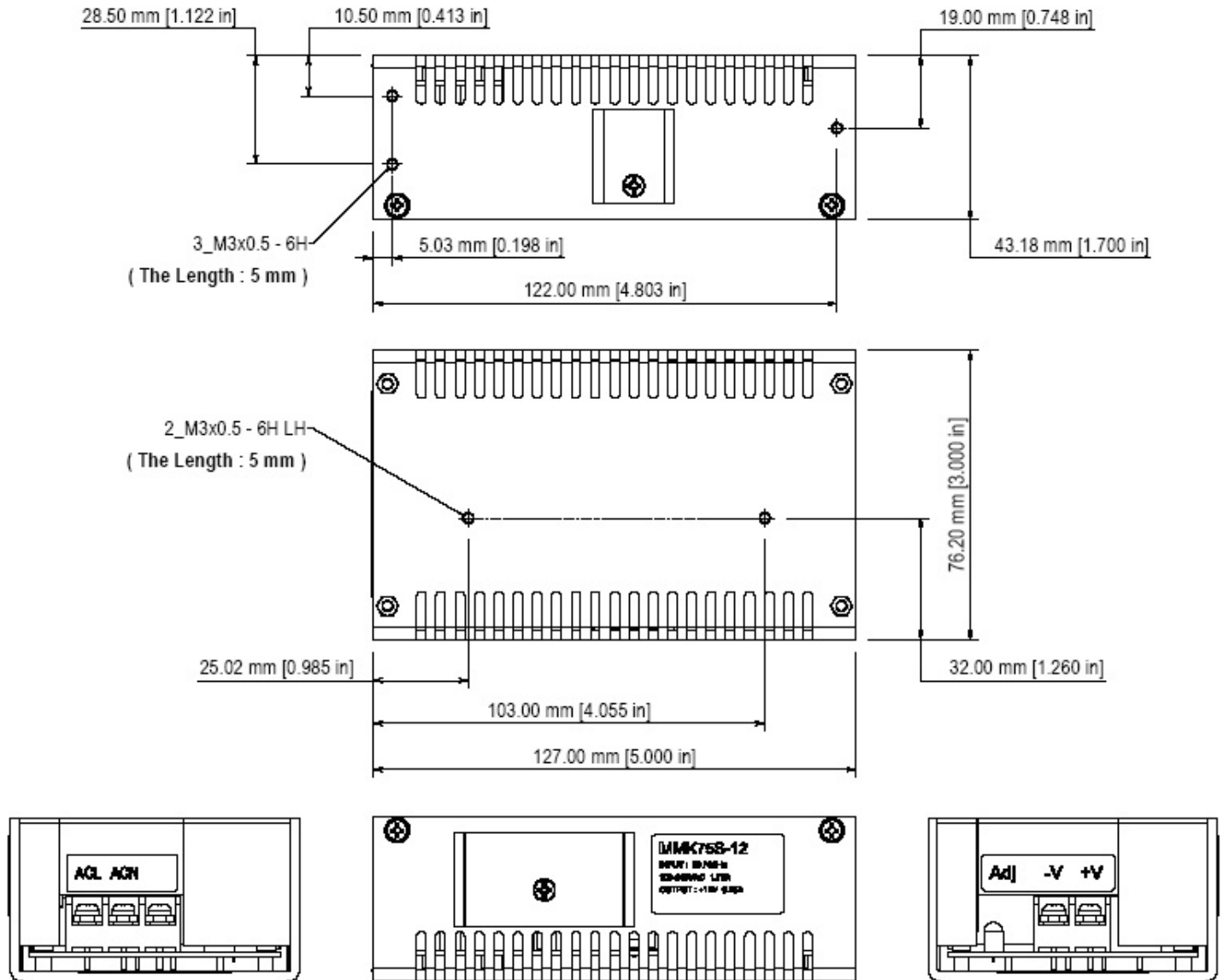
**PHYSICAL SPECIFICATIONS**

Size	5" x 3" x 1.7"
Construction	Enclosed
Weight	12 oz, (340g)

*All specifications are typical at nominal input, full load, and 25°C unless otherwise noted*

\* These are stress ratings. Exposure of the devices to any of these conditions may adversely affect long term reliability. Proper operation under conditions other than the standard operating conditions is neither warranted nor implied.

**MECHANICAL DIMENSIONS**



Note: For our M3 x 0.5 aluminum threaded holes:  
Recommended torque: 2.5 in-lbs, 3 in-lbs maximum (2.9 kgf-cm/3.5 kgf-cm max)

**OUTPUT DERATING CURVE**

