

96 ~ 120 Watts Single Output AC-DC Adaptor Medical Power

FEATURES

- ♦ Wide input range 80 to 264VAC
- ♦ No load power consumption < 0.15W
- ♦ Operating altitude up to 5000 meters
- ♦ With PFC circuit
- ♦ Protections: OCP, OVP, Short Circuit, Over Temperature
- ♦ Low profile at 28mm
- ♦ Meet Energy Start EPS2.0 / ErP EC No 278/2009(Lot7)
- ♦ Meet EC CoC EPS V5 Tier 2
- ♦ MTBF > 100K hours
- ♦ Class II model meet IEC 60601-1-11 and IP54

SPECIFICATIONS

Input Voltage.....	80~264VAC
Derate linearly from 100% at 90VAC to 90% at 85VAC and 80% at 80VAC	
Input Frequency.....	47~63Hz
Input Current.....	1.6A max.
Inrush Current.....	90A/115VAC ; 180A/230VAC
Hold Up Time.....	20ms min. at 100VAC
Operating Temperature.....	-20°C to +60°C
Derate from 100% at +40°C linearly to 50% at +60°C	
Storage Temperature	-40°C to +85°C
Short Circuit protection.....	Auto Recovery
Over Voltage, Over Temp. Protection.....	Latch-Off
Earth leakage current / Touch current.....	180uA max. / 100uA max. @ 264VAC, 63Hz
Storage Humidity.....	5% to 95%
Safety Standard.....	UL ES 60601-1/CAN/CSA-C22.2 No. 60601-1
EMC Standard	EN55011 class B
EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11	

All specifications are typical at nominal line, full load and 25°C;
unless otherwise noted.

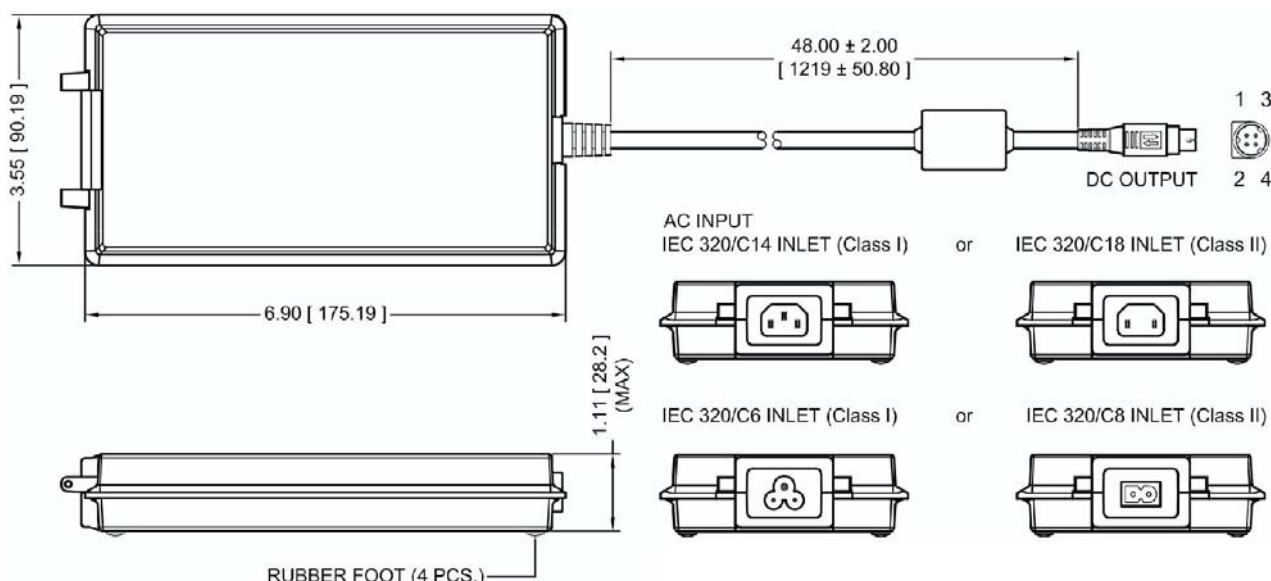


Model Number	Output Voltage (VDC)	Output Current (A) max.	R & N Vp-p(mV) max.	Max. Watts
FWM120-S120-x	12.0	8.00	120	96W
FWM120-S150-x	15.0	7.00	150	105W
FWM120-S180-x	18.0	6.67	180	120W
FWM120-S190-x	19.0	6.32	190	120W
FWM120-S200-x	20.0	6.00	200	120W
FWM120-S240-x	24.0	5.00	240	120W
FWM120-S300-x	30.0	4.00	300	120W
FWM120-S360-x	36.0	3.34	360	120W
FWM120-S480-x	48.0	2.50	480	120W

Ordering Information:

* x for AC inlet type, it can be 4, 5, 6 or 8
4=IEC C14, 5=IEC C18, 6=IEC C6, 8=IEC C8

MECHANICAL DRAWING (Unit: mm)



PIN CHART

PIN NO.	1	2	3	4
Polarity	V1 Return	+V1	V1 Return	+V1

NOTES:

1. Dimensions shown in inches [mm]
2. Tolerance 0.02 [0.5] maximum
3. Weight: 681 grams (1.505 lbs.) approx.