



PROTEK POWER

A Brand of FSP

96-120 W Medical Power Supplies



Features

- No load power consumption less than 0.15W
- Meet Energy Start EPS2.0 /ErP EC No 278/2009 (Lot 7)
- Meet EU CoC EPS V5 Tier 2
- With PFC circuit
- Low profile at 28mm
- Operating altitude up to 5000 meters
- Wide input range 80 to 264 VAC
- Class II model meet IEC 60601-1-11 and IP54
- Optional output connectors
- 100% burn-in
- Overvoltage protection
- Overcurrent protection
- Compliant with RoHS requirements

96-120 W Medical Power Supplies



Description

The PMP122 series of AC/DC switching power supplies are for 96-120 watts of continuous output power. They are enclosed in a 94V-0 rated polycarbonate case with an IEC320/C14, C6, C8 or C18 inlet to mate with interchangeable cord for world-wide use. All models meet EN55011 class B emission limits, and are designed for medical applications.

Application

- Nebulizer
- Oxygen concentrator
- Sleep apnea device
- Blood test device
- Inhalation machine

Output Voltage/ Current Rating Chart

Model No.		Output						Average Active Efficiency (typical) @ 115 / 230 Vac
Class I	Class II	V1	Min. Current	Max. Current	Tol.	Ripple & Noise	Max. Power	
PMP122-12	PMP122F-12	12 V	0 A	8.00 A	±5%	120 mV	96 W	89 /89%
PMP122-13	PMP122F-13	15 V	0 A	7.00 A	±5%	150 mV	105 W	89 /89%
PMP122-13-1	PMP122F-13-1	18 V	0 A	6.67 A	±5%	180 mV	120 W	89 /89%
PMP122-13-2	PMP122F-13-2	19 V	0 A	6.32 A	±5%	190 mV	120 W	89 /89%
PMP122-13-3	PMP122F-13-3	20 V	0 A	6.00 A	±5%	200 mV	120 W	89 /89%
PMP122-14	PMP122F-14	24 V	0 A	5.00 A	±5%	240 mV	120 W	90 /90%
PMP122-16	PMP122F-16	30 V	0 A	4.00 A	±5%	300 mV	120 W	90 /90%
PMP122-17	PMP122F-17	36 V	0 A	3.34 A	±5%	360 mV	120 W	90 /90%
PMP122-18	PMP122F-18	48 V	0 A	2.50 A	±5%	480 mV	120 W	90 /90%

