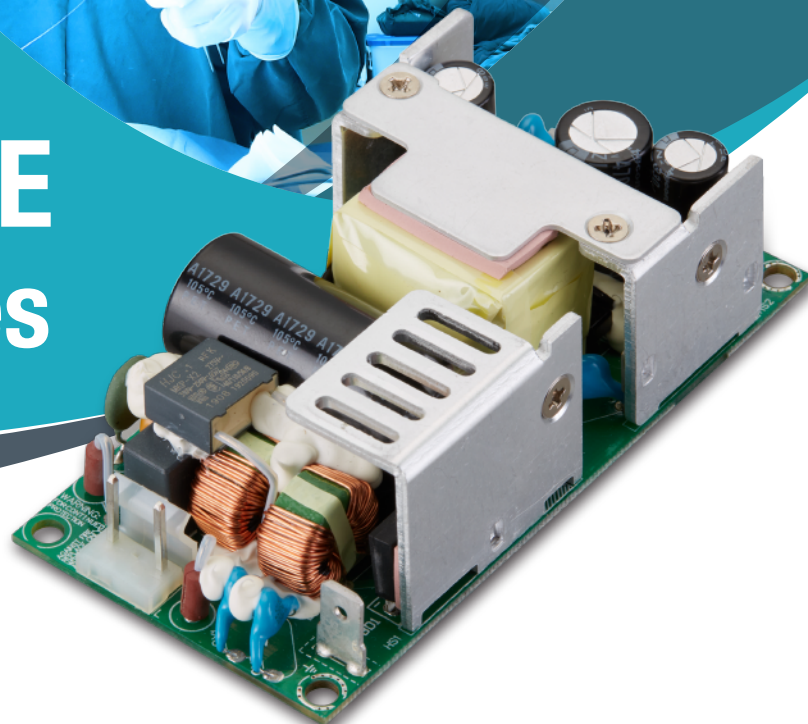




PROTEK POWER

A Brand of FSP

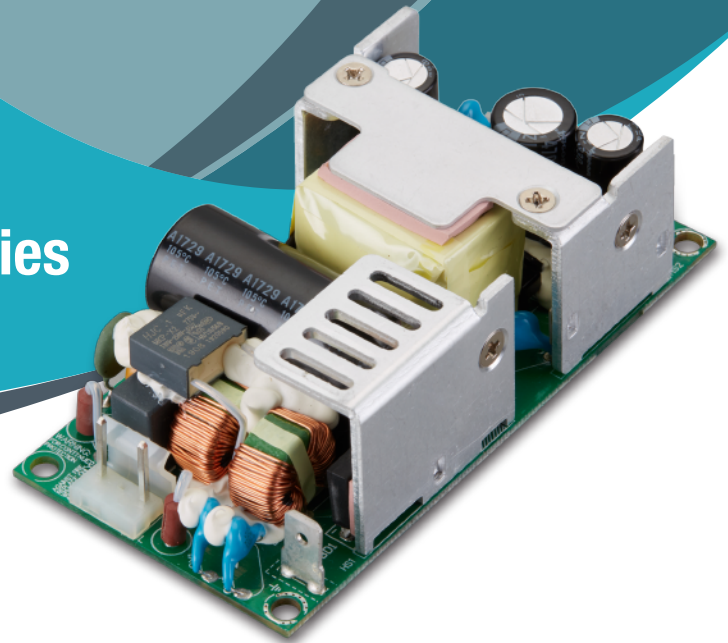
80-100 W Medical & ITE Power Supplies



Features

- BF class insulation
- Operation altitude up to 5000 meters
- 2 x 4 inch footprint with 1.29 inch low profile
- Less than 175 μ A leakage current
- Wide input range 80-264 VAC
- Meet EN55011 /55032 and FCC Class B
- Short-circuit protection
- Compliant with RoHS requirements
- No load power consumption less than 0.15W

80-100 W Medical & ITE Power Supplies



Description

The PM101 series of AC-DC switching power supplies in a package of 2 x 4 x 1.29 inches are capable of delivering 100 watts of continuous power at 7.5 CFM forced air cooling or 80 watts at convection cooling. The units are constructed on a printed circuit board. They are suited for medical applications, information technology and industrial applications. Approval to both IEC60601-1 and IEC62368-1 safety standards improves design-in time and reduces end equipment compliance costs.

Application

- Surgical light
- Medical scanner
- Ocular equipment
- Cardiac Output Monitor
- Cardiac Defibrillator
- Blood Gas Monitor
- Transportable Electrotherapy

Output Voltage/ Current Rating Chart

Model No.	Output							Average Active Efficiency (typical) @ 115 / 230 Vac
	V1	Min. load	Max. Current at convection	Max. Current at 7.5 CFM	Tol.	Ripple & Noise	Max. Power	
PM101-12A	12 V	0 A	6.67 A	8.34 A	±2%	120 mV	80 W /100 W	87 /90%
PM101-13A	15 V	0 A	5.34 A	6.67 A	±2%	150 mV	80 W /100 W	87 /90%
PM101-13-1A	18 V	0 A	4.45 A	5.56 A	±2%	180 mV	80 W /100 W	87 /90%
PM101-14A	24 V	0 A	3.34 A	4.17 A	±2%	240 mV	80 W /100 W	88 /90%
PM101-15A	28 V	0 A	2.86 A	3.58 A	±2%	280 mV	80 W /100 W	88 /90%
PM101-16-1A	32 V	0 A	2.50 A	3.13 A	±2%	320 mV	80 W /100 W	88 /90%
PM101-17A	36 V	0 A	2.23A	2.78 A	±2%	360 mV	80 W /100 W	88 /90%
PM101-18A	48 V	0 A	1.67A	2.09A	±2%	480 mV	80 W /100 W	88 /90%

