

## 400Watt RACK MOUNT BUC POWER SUPPLY

**Application:** Provides 48 VDC power for up to 20W Terrasat Communications Block Upconverters.

**Description:** Terrasat's 400W Rack Mount BUC Power Supply provides power to the BUC through a multi-conductor 18 AWG cable. The unit is packaged in a 2 RU chassis with front panel LED power indicator. The 400W Rack

Mount PSU is an auto-ranging AC input unit accepting 100-260 VAC.

The output connector is an Amphenol female receptacle, T3107 000. Terrasat provides the mating T3104 001 connector for the IFL cable. The AC input connector is an IEC connector with On/Off switch.

Order Part Number PSU-248

### Specifications

#### Electrical

DC output voltage	48V
Output voltage tolerance	$\pm 0.5V$
Output rated current	8.5 Amp
Ripple & noise (p-p)	300 mV
Line regulation	$\pm 0.2\%$
Load regulation	$\pm 0.5\%$
DC output power	400W
Efficiency	85%
Input voltage range	100-260 VAC
AC current	7A@115V, 3.5A@230V
Power factor	0.98/100V, 0.95/230V
Inrush current	20A/115V, 40A/230V
Leakage current	<1mA/240V
Output connector	Amphenol female, T3107 000

#### Environmental

Operating temperature, humidity 0 to +50 to 90%

#### Mechanical

Weight	11 lbs. (5 Kg)
Dimensions	14.25"(L)x19.00"(W)x3.5"(H) 36.2cm(L)x48.3 cm(W)x4.9 cm

