

Features

Weatherproof Outdoor Enclosure.

Eliminates long runs of DC Cable.

Complete kit including DC cable to support Terrasat IBUCs.

Mounting kits for single and 1+1 systems available.

700W power supply will support all Terrasat IBUCs.

LED status indicator.

Separate modules for Power Supply and IBUC simplify field maintenance.



Terrasat's Outdoor BUC Power Supply runs on AC mains power and provides 48 VDC power to the IBUC through a multi-conductor 18 AWG cable. The unit is packaged in an environmentally protected outdoor enclosure. The form factor is compatible with Terrasat's universal mounting bracket.

Terrasat provides the detachable AC input connector, an Amphenol T3109-001. The output connector type is a circular MS type. Terrasat provides a connectorized 10-foot (3m) DC cable to go between the PSUI and the IBUC. A 5-foot (1.5m) alternate is an available option.

Ordering information:

For C-band IBUCs up to and including 40W and Ku-band IBUCs to 30W, Part Number PSUI-548 (no fan)

For higher power IBUCs Part Number PSUI-648 is equipped with a fan.

Order cable PN 550-10715-0010 for 10 foot lengths or PN 550-10715-0005 for 5 foot length. (Cable price included in PSUI package).



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Outdoor Power Supply Specifications

Electrical

DC output voltage	48V
Output voltage tolerance	+/-1.0V
Output rated current	14.5 Amp
Ripple & noise (p-p)	300 mV pk-pk maximum
DC output power	700W
Efficiency	91% at 600W, 240VAC
Input voltage range	100-260 VAC
AC current	6A@110V, 5A@120V, 2.5A@240V
Power factor	>.95, typical .99
Inrush current	<20A/115V, <40A/240V
Leakage current	<1.5mA/240V
Output connector	MS3102R 14S-6S

Environmental

Operating temperature, humidity	-40 to +60 deg. C to 100%
Humidity	100%

Mechanical

Weight	13.5 lbs. (6Kg) w/o fan, 16.5 lbs. (7.5Kg) with fan
Dimensions	14.2"(L)x7.2"(W)x3.1"(H) w/o fan, 7.3"(H) without fan

Specifications are subject to change without notice



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