

400 and 700 W ODU BUC Power Supplies

Boom-Mounted Power

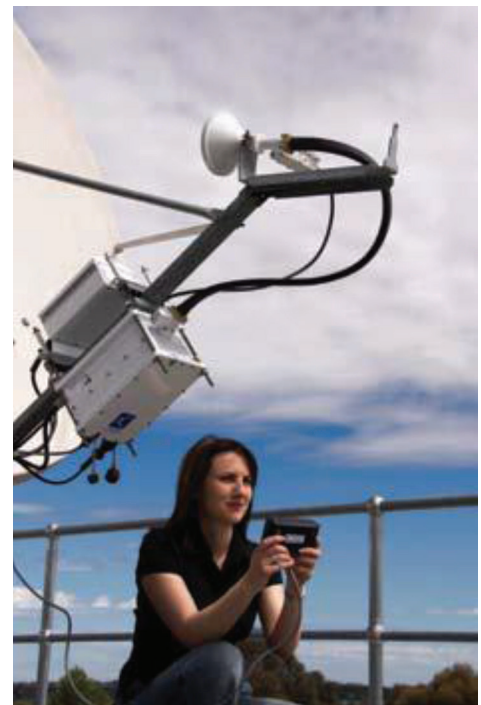
Model 7581 is a heavy duty switchmode power supply (SMPS) suitable for BUCs which draw up to 400 watts of prime power. Model 7580 is suitable for BUCs which draw up to 700 watts of power. The SMPS is fully sealed and is fan cooled. Designed for boom mounting on the antenna, these power supplies use the same mounting brackets as the BUCs and are very lightweight. They each have a Main DC output connector for externally powered BUCs.



Models 7581 and 7580

Heavy duty SMPS for BUCs up to **100 W in C-band, or up to 40 W in Ku-band and Ka-band**

Specifications	Model 7580	Model 7581
Main DC connector	Amphenol 97B-3102R 16 11S-624	
Aux DC output connector	Amphenol 62IN 12E 8-2S-622 (aux DC output provides 1A at 48 V, includes self-resetting fuse)	
Output voltage	48 V DC nominal	
Output power	700 W max.	400 W max.
Power Consumption	850 W max.	460 W max.
AC mains input voltage	95 - 265 V AC auto-ranging	95 - 265 V AC
AC mains input frequency	47 to 63 Hz	45 to 65 Hz
AC mains input connector	Amphenol Ecomate C016 20C003 100-12 (4-pin male) Amphenol-LTW LTW PWF-04PMMS-SC7001-2	
Weight	2.8 kg (6.2 lbs)	2.4 kg (5.3 lbs)
Dimensions (W x D x H)	182 x 280 x 136 mm 7.2 x 11.0 x 5.4 in.	182 x 280 x 122 mm 7.2 x 11.0 x 4.8 in.
Mounting	Boom mounting (kit supplied)	
Operating temperature	-40°C to +55°C	-40°C to +60°C
Operating altitude (max.)	2000 m	5000 m
Relative Humidity	100%	
Weatherproofing	IP66	IP67



7580 SMPS and 7940 Ku-band RBUC
Boom-Mounted



For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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811 Hansen Way, PO Box 51625
Palo Alto, CA 94303 USA
tel: +1 (650) 846-3803
fax: +1 (650) 424-1744
e-mail: satcommarketing@cpii.com
website: www.cpii.com/satcom