

OPS Series

Remote Mounted Power Supply Units






The **OPS series** remote mounted, power supply units from Peak Communications are designed to be fully compatible with the Peak range of outdoor mounted products;

- **PBU & PBD series** Block Converters
- **TLTR series** Test Loop Translators
- **PLA series** Line Amplifiers
- **F1201R/ F1202R** Fixed Frequency Converters
- **P7001R/ P7002R** Synthesised Frequency Converters
- **RTR50** Beacon Receivers
- **PRG series** Reference Generators
- **RCU50R series** Redundancy Controllers
- **OSC series** Waveguide/ co-axial Switch Drivers
- LNB's from other vendors

These rugged weatherproof power supply units use high grade components to offer a reliable solution to providing a DC equipment supply from an AC mains outdoor power source.

Peak Features

-  Siamese connection for unit alarm/ tell back passing
-  Rugged IP66 weatherproof rating
-  All connector mating parts provided & cable assemblies available



OPS series – Typical Specification

Output

Voltage

OPS12a	+12 VDC @ 200mA nom, fused 1A
OPS12b	+12 VDC @ 1600mA nom, fused 2A
OPS12c	+12 VDC @ 3000mA nom, fused 5A
OPS18a	+18 VDC @ 750mA nom, fused 1A
OPS18b	+18 VDC @ 1600mA nom, fused 2A
OPS24	+24 VDC @ 3000mA nom, fused 5A
OPS27c	+27 VDC @ 2500mA nom, fused 3A

Note; for other voltage and current requirements please contact the factory.

Connection multi-pin, circular weatherproof (mating parts supplied)

Product compatibility

OPS12a	LNB's, LNA's
OPS12b	OSC series, with 12V, 1.5A switch drives
OPS12c	OSC series, with 12V, 3A switch drives RCU50R series, with 12V, 3A switch drives
OPS18a	PBU(A) series PBD(A) series TLTR series F1201R /02R PLA series PRG series
OPS18b	RTR50 TLTR(Ka) series PBU(A) series, with low temperature option PBD(A) series, with low temperature option TLTR series, with low temperature option PLA series, with low temperature option PRG series, with low temperature option
OPS24	OSC series, with 24V, 3A switch drives RCU50R series, with 24V, 3A switch drives
OPS27c	PBU(B) series PBD(B) series PBU(Ka) series PBD(Ka) series TLTR(B) series P7001R /21R P7002R /22R

Mechanical

Width	146mm (5.75")
Height	223mm (8.78") plus, connections & mounting flanges
Depth	59mm (2.32")
Construction	Die-cast Aluminium, IP66 rated
Weight	1.4kgs (3lbs) approx

Environmental

Operating temp	-25°C to +55°C (less solar gain)
Option 12;	-40°C to +55°C (less solar gain)
Humidity	0-100% condensing
EMC	EN 55022, part B & EN 50082-1
Safety	EN 60950

Input Supply

Voltage	100-240VAC
Frequency	50-60Hz
Fused	1-5A (product and option dependent)
Connection	multi-pin, circular weatherproof (mating parts supplied)

Control Interface

Alarms	Siamese for device alarm/ tell back passing
Connection	multi-pin, circular weatherproof (mating parts supplied)

Options

- 2) Cable assembly for use between OPS and load unit
Note; standard 1m cable length, for non-standard requirements 'developed cable length' must be provided.
- 12) Low temperature operation to -40°C

