

## 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
- 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 passing
-  Rugged IP66 weatherproof rating
-  All connector mating parts provided & cable assemblies available



## OPS series – Typical Specification

### Output

#### Voltage

<b>OPS18a</b>	+18 VDC @ 750mA nom, fused 1A
<b>OPS18b</b>	+18 VDC @ 1600mA nom, fused 2A
<b>OPS27c</b>	+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)

Option 1; Dual outputs

Note; may increase size of unit (no size increase for OPS27c).

### Product compatibility

<b>OPS18a</b>	PBU(A) series PBD(A) series TLTR series F1201R /02R PLA series PRG series
<b>OPS18b</b>	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
<b>OPS27c</b>	PBU(B) series PBD(B) series PBU(Ka) series PBD(Ka) series TLTR(B) series P7001R /21R P7002R /22R

### Mechanical

#### Width

OPS18a, b;	123mm (4.84")
OPS27c;	146mm (5.75")

#### Height

OPS18a, b;	172mm (6.77")
OPS27c;	223mm (8.78")

plus, connections & mounting flanges  
59mm (2.32")

#### Depth

Note; size is option dependent.

#### 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

1A (product and option dependent)

#### Connection

multi-pin, circular weatherproof  
(mating parts supplied)

### Control Interface

#### Alarms

Siamese for device alarm passing

#### Connection

multi-pin, circular weatherproof  
(mating parts supplied)

### Options

- 1) Dual outputs
- 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

