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
**OPS series – Typical Specification**

### Output Voltage

- **OPS18a**: +18 VDC @ 750mA nom, fused 1A
- **OPS18b**: +18 VDC @ 1600mA nom, fused 2A
- **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)

### Option 1:

- Dual outputs (OPS18a only)

### Product compatibility

- **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
- **OPS27c**: PBU(B) series, PBD(B) series, PBU(Ka) series, PBD(Ka) series, TLTR(B) series, P7001R /21R, P7002R /22R

### Mechanical

<table>
<thead>
<tr>
<th>Width</th>
<th>OPS18a, b: 123mm (4.84&quot;)</th>
<th>OPS27c: 146mm (5.75&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>OPS18a, b: 172mm (12&quot;)</td>
<td>OPS27c: 223mm (8.75&quot;)</td>
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<tr>
<td></td>
<td>plus, connections &amp; mounting flanges</td>
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<tr>
<td>Depth</td>
<td>59mm (2.3&quot;)</td>
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*Note: size is option dependent.*

### Construction

- Die-cast Aluminium, IP66 rated
- Weight: approx 1.4kgs (3lbs)

### Environmental

- **Operating temp**: -25°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)

### Control Interface

- **Alarms**: Siamese for device alarm passing
- **Connection**: multi-pin, circular weatherproof (mating parts supplied)

### Options

1) Dual outputs (OPS18a only)
2) Cable assembly for use between OPS and load unit
   *Note: ‘developed cable length’ between units must be provided*
12) Low temperature operation to -40°C