Field DC-DC Converter
DC-DC Supply | Portable

The Field DC-DC Converter can be added as an accessory to any of Garland's portable TAPs. The supply can be integrated into all RMP-1U chassis configurations or as an external supply option. The DC-DC option expands the deployment options across the product line.

Key Features

- High efficiency >90%
- Industry Standard pinout
- 4:1 input range (9-36 VDC)
- Compact form factor
- 1500 VDC isolation
- Short circuit, over current, and over voltage protection

Applications:
- Field use, with improved portability
- Allows for battery operated use
- Use in data centers with DC racks

Environmental
Parameter conditions/description
min typ max units
- Operating temperature see derating curves -40-85 °C
- Storage temperature -55-125 °C
- Storage humidity non-condensing 5-95%
- Case temperature at full load, Ta=71°C 105 °C

<table>
<thead>
<tr>
<th>Model #</th>
<th>Input voltage</th>
<th>Output voltage</th>
<th>Output current</th>
<th>Output power</th>
<th>Ripple/noise</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWR-DCDC1</td>
<td>Typ(Vdc)</td>
<td>range(Vdc)</td>
<td>min(mA) max(mA)</td>
<td>max(W) max(mVp-p)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>9-36</td>
<td>5</td>
<td>150 3000</td>
<td>100</td>
</tr>
</tbody>
</table>

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