

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

Model #	Input voltage	Output voltage	Output current	Output power	Ripple/noise
	Typ(Vdc) range(Vdc)	(Vdc)	min(mA) max(mA)	max(W)	max(mVp-p)
PWR-DCDC1	24 9~36	5	150 3000	15	100

Competitive Edge

- TAPs can be deployed everywhere
- TAPs can be used in handheld field applications
- Tested and Certified



Have Questions?

sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com