



RNG-DC12 VHF 12V POWER SUPPLY

- 12 VDC Power Supply
- 2.2 A Current Limiting
- Battery Backup Connection with Integrated Low Voltage Protection
- Local Diagnostics

FEATURES

Becker Mining Systems smartcom® 150 RNG-DC12 Power Supplies utilize a DC-DC converter and provide a 12V backup battery connection to achieve constant voltage output, regardless of AC supply conditions. Automatic shutoff is also integrated to protect a connected battery (not included) during low voltage conditions.

Each Power Supply includes local diagnostic leds that show the state of the Current Limiting Board Power (OK-Green), Leaky Feeder Line Input Voltage (OK-Green) and Leaky Feeder Line Output Voltage (OK-Green).

TECHNICAL DATA

PERFORMANCE SPECIFICATIONS

AC Input Voltage	88-264 VAC, 47-63 Hz
Battery Voltage	12 VDC (not included)
Low Battery Threshold	9.5-11 VDC
PS Output Voltage	12-14 VDC
Current Limiting	2.2 A
Backup Battery Operation	~8 hrs w/20 AH batt (not included)
Battery Recharge	Trickle Charge

MECHANICAL DATA

Enclosure	Steel
Dimensions (H x W x D)	446 x 406 x 152 mm (17.6 x 16 x 6 in)
Weight (nominal)	10.7 kg (23.6 lbs)
Connectors	Terminal Block, Lug Connector, PG21 Cable Grip

ENVIRONMENTAL DATA

Temperature Range	0 to 50° C (32 to 122° F)
Protection Rating	NEMA 4x (IP66)

Technical data are limit values.

If the product is integrated into systems or operated in combination with other devices, its permissible operating values can deviate from these limit values. Subject to technical modifications without prior notice.

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