

150 DC POWER SUPPLY

RNG-DC16, RNG-DC36



Varis' Smart Com 150 DC Power Supplies utilize a DC-DC converter to achieve constant voltage output, regardless of AC (or battery) supply conditions. This keeps the Leaky Feeder line voltage constant during power swings or battery backup. Each Power Supply includes diagnostic LEDs and an ammeter to provide indication of unit status.



RNG-DC16 (left), RNG-DC36 (right)

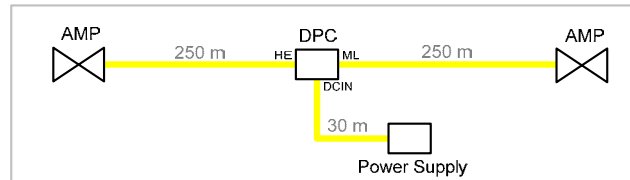
Product Specifications

	16V POWER SUPPLY	36V POWER SUPPLY
Part Number	RNG-DC16	RNG-DC36
Physical		
Enclosure	NEMA 4 (IP65), Polycarbonate	
Dimensions (L x W x H)	400 x 300 x 180 mm (15.75 x 11.81 x 7.09 in)	
Weight (nominal)	6 kg (13.2 lbs)	
Connector	Terminal Block Connector	Terminal Block Connector, Terminal Lug Connector
Environmental		
Temperature Range	-20 to +60° C (-4 to +140 °F)	
Electrical		
AC Input Voltage	90-240 VAC, 45-65 Hz	
Battery Input Voltage	12 VDC, 90 Ah	
Output Voltage	16 VDC	36 VDC
Output Current	2.5 A	2 - 2.5 A
Backup Battery Operation	24 hrs	12 hrs
Battery Recharge	Trickle Charge	
External Indicators		
AC power	OK (green), Fail (red)	
Battery Status	OK (green), Low (red)	
Current Limiting Mode	Cable Short (red)	
Output Current	0 – 5 A Ammeter	
Approvals		
Intrinsic Safety	No	
CE Certification	Yes	

Installation

Use the following guidelines to ensure proper installation of Smart Com 150 DC Power Supplies:

- To prevent personnel from accidentally unplugging the Power Supply it is recommended that the AC input be hardwired to a designated circuit breaker.
- Use Leaky Feeder cable to connect between the DC Power Supply and Power Coupler.
- Place DC Power Supply no further than 30 m (98 ft) of cable away from the Power Coupler.



- Connect External Battery (if used) to the Terminal Block labeled "BATT"

