

4022 Mains Power Supply General specifications

Equipment	Barrett 4022 mains power supply with no break battery backup charge controller
Output voltage	24 V DC
Output current	18 amps continuous at 24 V DC
Input voltage	85 to 264 V AC @ 50 to 60 Hz autoranging
Regulation	Less than 1% change at full load
Ripple and noise	Less than 150 mV RMS at full load
Overload protection	105% to 135% hiccup mode, auto recovery
Operating temperature	-30° C to +70° C
EMC standards	EN55022 class B, EN61000-3-2,3 EN61000-4-2,2,3,4,5,6,7,8,11 EN50204
Charger output	14.2 V DC (5 amps maximum)
Auxiliary output	13.8 V DC (5 amps maximum)
Controls Mains	on/off switch, LED condition displays
Speaker impedance	8 Ohm
Speaker power	10 W
Connectors DC	1 x DB 15 – 3W3 female for connection to Barrett 4050 Transceiver 1 x DB 15 – 7W2 female for connection to auxiliary accessories 1 x DB 15 – 7W2 male for connection to backup battery
Connectors AC	IEC
Mounting	Standard bench mounting or optional 19" rack mounting kit (P/N BCA20007) or Power supply stacking plate for 4050 HF transceiver (P/N BCA40016)
MTBF	112.79 k hours
MTTR	0.5 hours (Level 2 maintenance, intermediate – Faulty board identification and replacement)

Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.