

922 power supply

The BARRETT 922 is a 13.8V DC regulated, 20 Amp power supply designed to power the Barrett 500 or 900 series of HF transceivers and accessories.

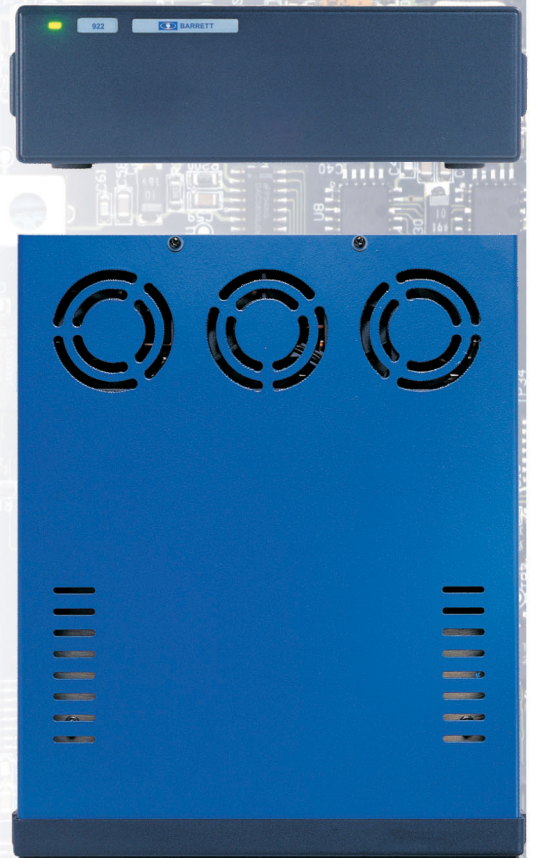
The 922 is designed to provide power for one 500 or 900 series transceiver plus one accessory such as a modem. The 922 has a battery standby system comprising a charging circuit with a true automatic no-break changeover, in case of mains power supply failure. This feature eliminates the problems of data modems re-setting during mains failures and requiring re-initialisation. When mains is present the power supply charges the battery at a maximum rate of 3 Amp. When the battery is fully charged the rate is reduced to a trickle charge to prevent over charging.

A fan option is available to allow 100% duty cycle operation when operating HF data communication equipment. A convenient voltage selector switch on the rear of the power supply enables quick changing of the input voltage supply requirement to suit different countries.

SPECIFICATION

Output current	20 Amp.
Output voltage	13.8V DC.
Input voltage	110 -120 / 220-240 VAC@ 50/60 Hz. (Switch selectable)
Input connector	IEC type with voltage selector integral fuse and spare fuse.
Regulation	Less than 0.5% change at full load.
Ripple and noise	Less than 10 mV RMS at full load.
Charger output	13.6 VDC, 3 Amps maximum.
Dimensions	Standard Barrett 900 series chassis 245mm x 310mm x 75mm
Weight	6.4Kg
Mounting	Standard bench mounting or optional 19" rack mounting kit

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922 solar power supplies

The 922 series of solar power supplies are complete packages designed to power communications equipment in locations where AC power is unreliable or not available. Batteries are not supplied in the packs but are available as accessories.

Solar supply BC92210 is a light duty solar power supply package delivering 13.8V - 4.57 Amp nominal. It consists of one solar panel (MSX77) complete with 10A regulator, pole mounting frame, bird spike, 6 metres heavy duty power cable and two battery lugs (packed for air-freight).

Solar supply BC92211 is a medium duty solar power supply package delivering 13.8V - 9.1 Amp nominal. It consists of two solar panels (MSX77) complete with 10A regulator, pole mounting frame, two bird spikes, 6 metres heavy duty power cable and two battery lugs (packed for air-freight).

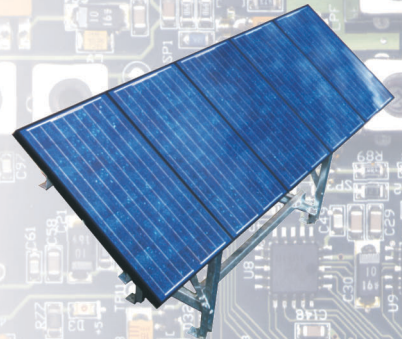
Solar supply BC92212 is a heavy duty solar power supply package delivering 13.8V - 31.9 Amp nominal. It consists of five solar panels (MSX77) complete with 30A regulator, roof/ground mounting frame, 6 metres heavy duty power cable and two battery lugs (packed for air-freight).

Solar supply BC92213 is an economy solar power supply package delivering 13.8V - 2.3 Amp nominal. It consists of one solar panel (MSX40) with 4A regulator, ground mounting frame, bird spike, 6 metres heavy duty power cable and two battery lugs (packed for air-freight).

Various accessories are available in our solar power range including the following:

- BCA92213 - 75 AH 12V sealed solar block battery (air-freightable).
- BCA92203 - 100 AH 12V sealed solar block battery (air-freightable).
- BCA92204 - 75 AH 12VC dry charged lead acid battery (air-freightable-requires acid to be procured and added on site).
- BCA92206 - 100 AH 12V dry charged lead acid battery (air-freightable-requires acid to be procured and added on site).
- BCA92207 - low voltage cut out (prevents battery over-discharge), suits any of the solar supplies above.
- BCA92208 - cabling kit for paralleling batteries (per additional battery), consists of two heavy duty cables with lugs and two battery lugs.
- BCA92209 - bird spikes per panel.
- BCA92210 - heavy duty twin core power cable 6mm conductors per metre.

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