

## Power Supply CODAN 3020



The CODAN 3020 Power Supply is designed to interface with CODAN HF SSB transceivers for voice, data or fax communications. It operates over a wide range of mains supply voltages, and is fully auto-ranging between 100 and 240 V nominal.

### Key features

#### Rugged design

The 3020 Power Supply is small and lightweight, and has been designed to withstand the toughest conditions. It offers the following protection:

- Input protection—the 3020 is protected against mains voltages that may vary outside normal tolerances.
- Output protection—if the output voltage is too high or too low, the 3020 will automatically shutdown. Also, the 3020 is electronically over-load and short circuit protected.
- Thermal protection—the 3020 offers protection against extreme ambient temperatures and poor ventilation.

### **Un-interrupted supply**

The 3020 is capable of charging and maintaining an externally connected lead-acid battery. When used with a code 702 kit, this facility provides a continuous supply to the transceiver in the event of a mains failure.

### **Other features**

#### **Front panel display**

A Bi-Colour LED and green mains switch, mounted on the front panel, provides a clear indication of the CODAN 3020's condition.

#### **Service and Support**

CODAN customers are supported with our worldwide network of Accredited Service Centres. Regular auditing and training by CODAN technical staff ensure the best after sales service. A three year warranty is available to every registered user.

## Technical specifications

Input voltage	Operates over: 100–240 V AC $\pm$ 10% (50/60 Hz)*
Input VA	250 VA at 16 A DC output current
Output voltage	13.8 V DC
Output current	16 A DC continuous duty to 60°C ambient 20 A DC peak speech
Cooling	Fan forced air—thermally controlled
Size and weight	210 mm W x 230 mm D x 80 mm H; 1.9 kg
Regulation	Less than 0.1 V DC over no-load through to full load conditions for full input voltage range
Mains connection	Via IEC type socket at rear of unit

## Codan Power Supply|HF Transceiver

[http://hf-ssb-transceiver.at-communication.com/en/codan/hf\\_ssb\\_codan\\_3020.html](http://hf-ssb-transceiver.at-communication.com/en/codan/hf_ssb_codan_3020.html)