

POWER SOLUTIONS

3320 POWER SUPPLY UNIT

DTC
A CODAN COMPANY

The Sentry-H 3320 Power Supply Unit provides 12V DC power to Sentry-H 6120-BM transceiver and charging of a connected back up battery system when fitted.

KEY FEATURES

- 12V 30A full duty cycle
- Low noise
- Highly efficient design
- Advanced temperature control mode
- MIL-STD-810G construction
- Waterproof
- Fully-protected input / output
- Status indication
- Battery float charge capability
- Mounting accessories

RUGGED DESIGN

The 3320 Power Supply is designed to meet MIL-STD810G environmental standards, including being rated to withstand full immersion. It also incorporates full protection against possible electrical abnormalities such as over-voltage, under-voltage, overtemperature and reverse polarity, meaning it is suitable to operate and perform reliably in all conditions. The 3320 Power Supply is available in olive drab or black powder coat finish.

HIGH OUTPUT

The 3320 Power Supply outputs nominal 12V DC and is rated to deliver up to a powerful 30 Amps continuous. This power is suitable to run the Sentry-H 6120-BM Transceiver continuously, in all modes, while also providing float charge to an optional rechargeable battery bank.

ADVANCED TEMPERATURE CONTROL

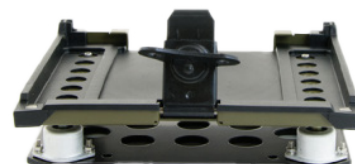
During high load and elevated ambient temperature conditions, the 3320 Power Supply monitors and controls its power output to ensure the connected transceiver system remains operational across the widest range of conditions. Indication that the Power Supply is in temperature control mode is provided by the status LED located on the front of the power supply.



ACCESSORIES

The 3320 Power Supply is designed for use with the Sentry-H 6120-BM transceiver in base station scenarios where AC Mains power is available but may also require battery back up in case of temporary Mains supply failure. The following parts are available as accessories for the 3320 Power Supply.

- Cable kit, battery float charging
- Cradle mount, 3320 PSU (Note: Rubber feet must be removed)
- Sentry-H 6120BM transceiver and 3320 Power Supply Stacking Kit
- Shock / vibration isolation mount (used with cradle mount)
- Kit, rubber feet x 4 (includes screws) (3320 Power supply supplied with these fitted as standard)



POWER SOLUTIONS

3320 POWER SUPPLY UNIT

GENERAL	
Input Voltage	100-240 V AC $\pm 10\%$ 50-60 Hz
Input Current	5.5 A at maximum output
Output Voltage	13.6 – 14.0 V DC
Output Current	Up to 30 A continuous when within temperature range
Operating Temperature	-40°C to +50°C ambient
Protection	Over voltage / under voltage / over temperature / reverse polarity
Colour	Olive Drab or Black

INTERFACES - REAR	
AC input connector	Fully sealed threaded connector
DC output connector	Fully sealed bayonet style MIL connector
RF ground	Threaded thumb screw

CONTROLS AND INDICATORS - FRONT	
Power switch	Toggle style on/off switch for DC output
LED	Power Supply operational status and fault indication

COMPLIANCE	
Compliance	CE, FCC CFR Part15, RCM

ENVIRONMENTAL	
Temperature range	-40°C to +50°C for 95% humidity
MIL-STD-810G	Shock, vibration, humidity, blowing dust, leakage, immersion, fungus, altitude
Immersion	IP67

MECHANICAL	
Dimensions	190 x 222 x 70 mm, excluding connectors
Weight	4 kg

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

DATASHEET: 3320 Power Supply Unit, 12-20380-EN, Issue 3 © 2026