

05-01-100X Rev X Encapsulated PSU & Charger



Small and encapsulated streamer power to battery and GPS power supply.

Features include: -

- Small form factor
- Totally encapsulated design
- Standard AG connections
- Integrated Morse U flashing light
- Voltage and Current limits reprogrammable
- Delayed turn on of GPS to avoid startup current peaks
- Can power CTX and GPS without battery
- 30-50V Input Voltage

Status Indication LED's

Flashing Alternate Red Green

Device in "Start Up" Mode

Rapid Flashing Green

Device in "Voltage" Mode

Slow Flashing Green

Device in "Charging" Mode

Red Flashing

No Input Power Available

Connectors:

Streamer AGP 2708F

3 Streamer +

4 Streamer -

5 Aux +

6 Aux -

Battery AGP 2704M

1 +

2 -

3 Aux +

4 Aux -

GPS AGP 2704F Delayed Power On by 30 seconds

1 +

2 -

3 Aux +

4 Aux -

Material: Clear Resin Body

Dimensions: 210x115x52mm

Weight: 1.6Kg

Ordering:

05-01-1001 REVX 24v Encapsulated PSU & Charger Module

05-01-1002 REVX 12v Encapsulated PSU & Charger Module

05-01-0004 Rare Earth Magnet

Operator Controls : -

(Activated with south pole down rare earth magnet)

Note: REVX designated by red internal frame

Procedure to Recalibrate Output/Charging Voltage & Input Current Limit.

You need a bench PSU & Rare Earth Magnet

1. **Hold magnet steady over magnet sensor**
2. **Apply 8V to Pin 3+ & 4- of streamer input and power on**

Red LED soft flashes 10 times (if magnet held steady)

Green LED starts flashing

3. **Move magnet away after 10 red and before 5 green!**

Green LED soft flashes 1 time indicating "apply charging voltage"

4. **Adjust input voltage to required charging voltage (27.0V, 13.5 or as needed) and swipe magnet over sensor**

Green LED soft flashes 1 time to acknowledge swipe

Green LED soft flashes 2 times indicating "apply input current limit"

5. **Adjust voltage to 15V (500mA) , 16V (600mA) or as required for desired input current limit and swipe magnet over sensor**

Green LED soft flashes 1 time to acknowledge magnet swipe

Red LED Soft Ramps On as calibration data stored in EEPROM. Red LED soft ramps off

Device starts fast toggling RED & Green LED (Hard Flashes) indicating start up.

Note: Magnet Sensor Below "Streamer". Magnet must be used South Pole Down