

Product Installations

Battery Backup Accessory

RST050

There are several installation options available for the RST050. Depending on the application and the terminal it is used in conjunction with the following outlines the main installation options.

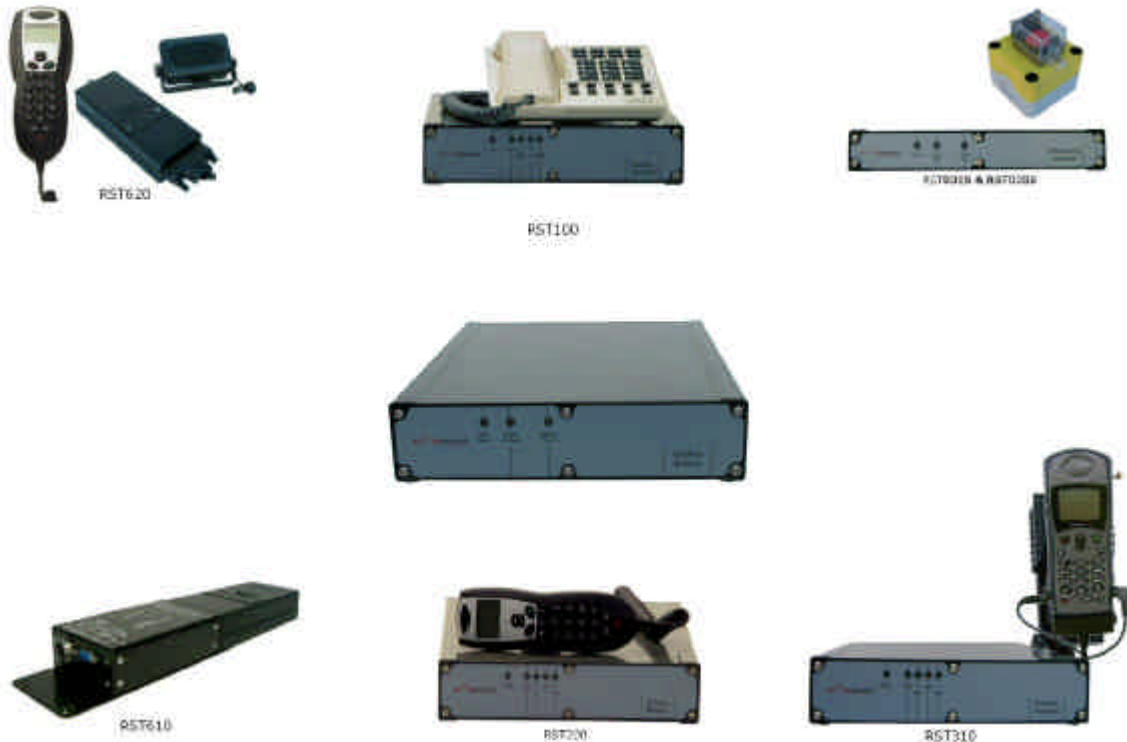
Battery Backup Accessory:

The Beam RST050 is specifically designed as a Standby Battery backup unit for use with entire range of Beam Remote Satellite Terminals and Modules.

The high quality Battery backup unit provides for full cycle charging and discharging and with an intelligent charging circuit connects simply to the terminals to provide hours of standby time. The Battery Back up is also suitable for use with solar applications.

For more detailed information on the Battery Back-up click here [RST050](#)

Installation Configuration



Emergency Back up

Using the Beam RST050 in conjunction with the Beam communication terminals provides guaranteed back up power when required.

Power Inputs

The RST050 accepts and 11-32V DC input. This can either be supplied from a direct Dc supply or using the AC plug pack provided with the main terminal if it is for use on mains power.

Power Output

The RST050 outputs 22V DC. This output voltage is suitable for all Beam communication terminals except the RST600, whereby a DC – DC Converter would be required as the maximum input voltage on that terminal is 4.4VDC.

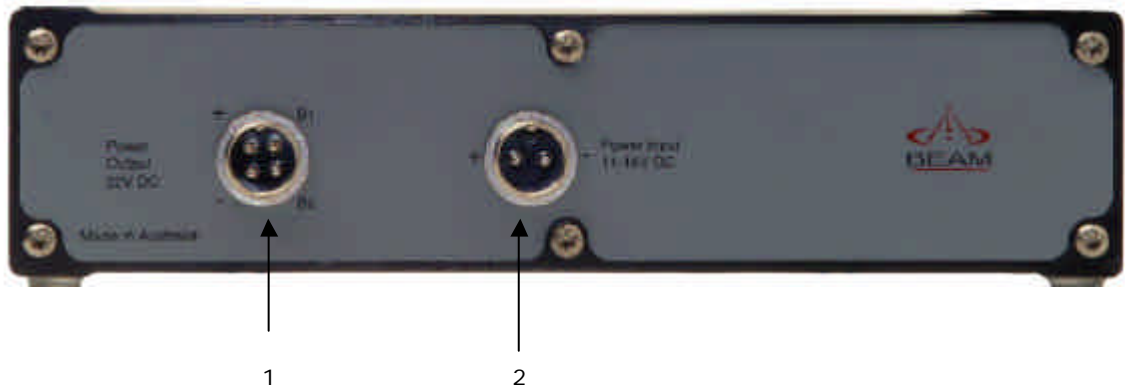
Solar Connectivity

The RST050 is capable of forming part of a solar deployment. The robust design of the RST050 allows for full discharge and recharging on a continuous basis.

Connecting TrackALERT

The RST050 will also support powering a TrackALERT terminal when used in conjunction with the RST100 or RST200 Beam Terminals.

RST050 Connector Summary



1. 1 x Positive Lock Power Connector: 22V DC output
2. 1 x Positive Lock Power Connector: 11-32V DC input

Connection Example

