



## Battery Backup

### Model RST050



Ship Security Systems



Constant Communication



Remote Power Options

### Backup Battery RST050

The Beam RST050 is specifically designed as a Standby Battery backup unit for use with Beam Remote Satellite Terminals. The Battery backup unit easily connects to the RST family and provides hours of continuous call time in the absence of normal power.



### Multiple Applications

The RST050 is designed for all communications applications where an uninterrupted power source for all Beam Satellite terminals for absolute peace of mind and security.

### Simple Installation

The RST050 is a simple plug-in unit that takes the existing power input cable from an RST series satellite terminal. A supplied interconnecting cable is then used to connect the Battery backup unit to the RST series satellite terminal.

The RST presents two power sockets, along with visual and audible status information. The RST050 is fully certified and is simple and easy to incorporate into your standard installation with your existing terminal.

### Absolute Peace of Mind

The peace of mind provided by the RST050 ensures that you have the ability to communicate during times of power interruption.

### Power Supply AC / DC

The RST terminal uses the universal AC power supply from the main Beam terminal to power and charge the unit. An interconnecting cable is provided with the Battery Backup. The unit can also be connected to 11–16V DC power.

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### TrackALERT / SSAS Integration



The RST050 is capable of supporting the Beam TrackALERT interface in addition to the main communications terminal. This will support deployment for tracking, monitoring and emergency alert installations.

The RST050 is capable of supporting the requirements for a Ship Security Alert System (SSAS) The RST050 used in conjunction with the Remote Satellite Terminals and the TrackALERT units provides backup power to all equipment.

### Beam Equipment Supported

- Remote Satellite Terminal RST100
- Remote Satellite Modem RST200
- Voice / Data Module RST610
- Data Interface RST600
- In-vehicle Telephone RST20
- TrackALERT Interface Units
- DC-DC Converter

### RST100 Backup Power

- 24 hours Standby (Min)
- 2 hours Talk time (Min)

### RST200 / RST600 / RST 610 / RST620

- 48 hours Standby (Min)
- 2 hours Talk time (Min)

### Installation

The Battery Backup can be deployed for into various applications and is supplied with robust mounting brackets. The RST050 can also be easily joined to the RST100 & RST200 for ease of installation.

### Battery Backup Key Features

- Intelligent Charging System
- Supports All Beam Terminals
- Overload Protection
- Flexible Mounting Options
- Long Life Heavy Duty Cells
- Solar Compatible
- Deep Cycle Tolerant





## Specification Battery Backup RST050

### RST050 Specifications



In building  
Emergency



Back-up Power



Emergency  
Communications

Function	Description	Type	Location
Input Power		11 – 16V DC 2.5A Plug	
Visual Indicators	Power Supply	LED	Front Panel
	Output Overload	LED	Front Panel
	Battery State	LED	Front Panel
Connectors	Power Input	Screw Type	Rear Panel
	Power Output	Screw Type	Rear Panel
Backup Time	RST100	24 Hours	
	RST200	48 hours	
	RST600	48 hours	
	RST610	48 hours	
Talk Time	RST100	2 Hours	
	RST200	4 Hours	
	RST600	4 hours	
	RST610	4 hours	

Physical	
Size L x W X H	225 x 271 x 45mm
Weight	5 Kg
Shipping Weight inc accessories	5.25Kg
Operating Temperature	0C to +50C
Storage Temperature	-30C to +70C
Operating Humidity	<85% non-condensing

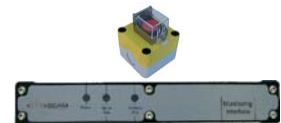
### Beam Terminals Supported



Remote Satellite  
Terminal RST100



Remote Satellite  
Modem RST200



TrackALERT  
RST030S/RST035S



Voice / Data  
Module RST610



Data Module  
RST600  
Using DC-DC Converter



In-vehicle Telephone  
RST620

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