

5. User Modes

5.1 Charging Mode

- Plug the power source (110/240V AC/DC adaptor, car cigarette lighter input cable or vehicle installation cable) into the input connector.
- The green INPUT LED will be turned on to indicate the presence of input power.
- The red CHG LED will be turned on to indicate the fast charging for the internal battery pack. When the battery is fully charged, this LED will be switched off.

5.2 Stand-Alone Mode

Main Output:

- DO NOT connect anything to the main output before setting the voltage correctly!!!
- Set the output voltage to 5V or 12V by sliding the selection switch.
- Plug the appropriate 3-way main output cable into the main connector.
- Plug the other end of the cable into your equipment, for example, PotsDOCK.
- If your equipment draws more than 2A current, the red Overload LED will be turned on!

USB Output:

- Plug the type A end of your USB cable into the USB output.
- Plug the other end of the cable into your equipment, for example, the 9555 phone.
- If your equipment draws more than 1A current, the red Overload LED will be turned on!







Please note that both main output and USB output can be used simultaneously providing up to 3A current.

5.3 UPS Mode

- Plug the input power source as per instructed in 5.1.
- Connect your equipment to the main and/or USB outputs as per instructed in 5.2.
- In case a power failure occurred, the UPS Pack would continue to power your equipment and the duration will depend on the battery capacity at the power failure.
- When the battery capacity in the UPS Pack is low and your equipment is drawing full current from the outputs, it will take much longer to charge the UPS Pack. Thus, it is recommended to fully charge the UPS Pack before using it as a UPS.

6. Battery Capacity

- Press the battery capacity push button.
- The five green LEDs next to the push button will display a pattern showing the remaining battery capacity.

5 LEDs on		80% to 100%
4 LEDs on		60% to 80%
3 LEDs on		40% to 60%
2 LEDs on		20% to 40%
1 LED on		10% to 20%
1 LED flash		<10%

7. Troubleshooting

Q: My equipment is plugged into the output port, but it is not being powered by the UPS Pack.

A: *Please check the battery capacity of the UPS Pack.*

Q: My equipment is plugged into the output port, but it is not being powered by the UPS Pack and the red LED next to the output is turned on.

A: *Your equipment is consuming more than 2A (main output) or 1A (USB output) current. Please check the power rating of your equipment. Your equipment may also be faulty causing a short circuit.*

Q: The battery capacity indicator is not correct. UPS pack has been charging for hours, but it indicates empty when the push button is pressed.

A: *Please discharge the UPS Pack completely and then recharge it without any load connected.*



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QUICK START GUIDE

RST055 UPS Pack



Safety Information - Important!

Please read this guide carefully before installing or using the RST055 UPS Pack. Failing to follow instructions may compromise the safety of the product and may result in personal injury and/or equipment damage. Please consult your supplier if you have any further question.

Suitable for most Beam equipment requiring 5V or 12V input power, Iridium 9555 phone and most of the USB powered portable devices including iPhone®*

Beam Communications Pty Ltd

* iPhone® is a registered trademark of Apple Corporation

1. Features

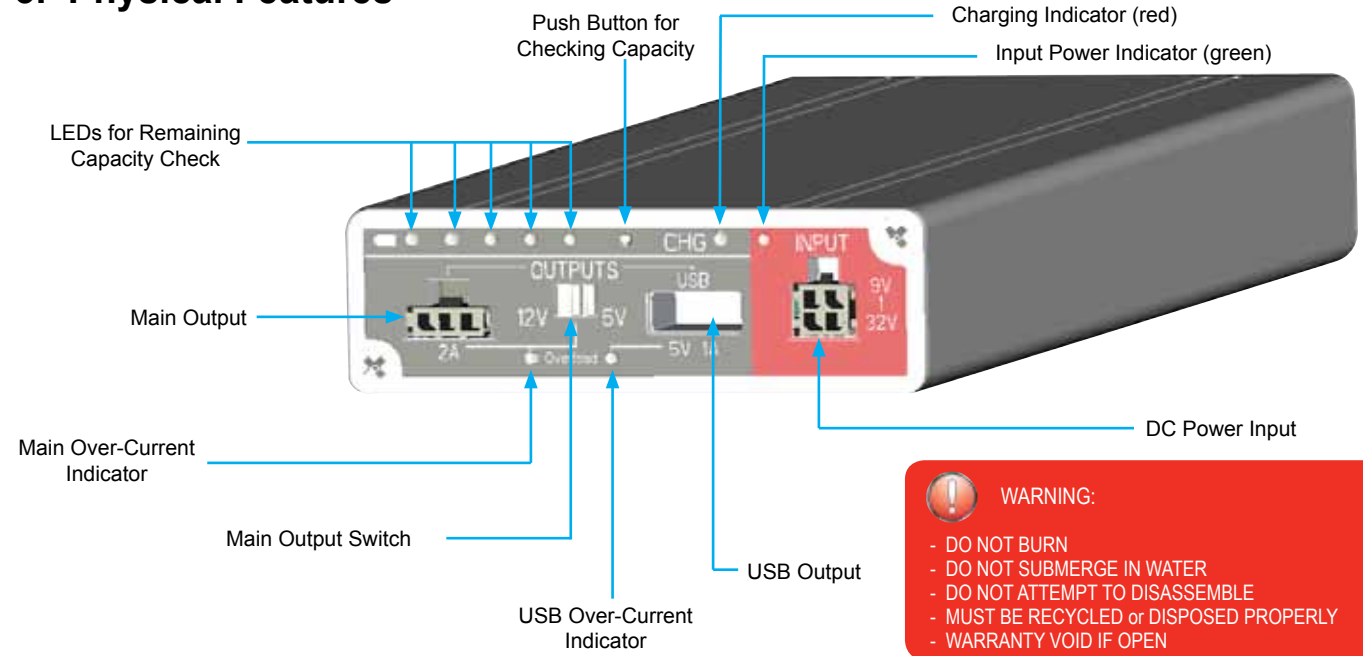
- Output USB 5V or 12VDC terminal connector.
- Robust yet portable mechanical design with aluminum enclosure.
- Provides backup power to the Iridium 9555 phone, Beam Terminals / Accessories as well as most USB chargeable portable devices including iPhone*.
- Push button remaining battery capacity LEDs.
- Can power external device whilst charging.
- Over-current protection.
- Can be powered directly from a vehicle 9-32VDC Input or AC Plug Pack.
- The package includes:-
 - 12VDC Power Adaptor (Output)
 - DC Input Cable
 - Auto Accessory Input Cable
 - 4-way Molex Output Cable
 - USB to Iridium Phone Output 9555 cable
 - Quick Start Guide

* iPhone® is a registered trademark of Apple Corporation

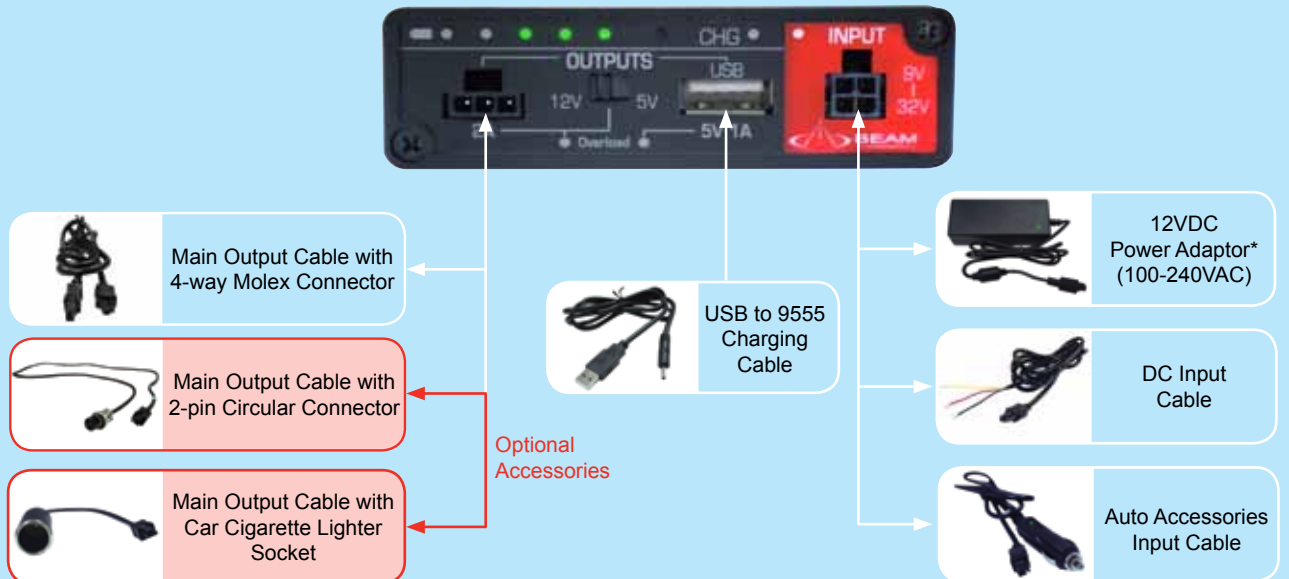
2. Specifications

INPUTS	
Voltage	9-32VDC @ 4-1A
Connector	4-Way Molex Micro-Fit
OUTPUTS	
Main Output	5/12V @ 2A Selectable
Main Connector	3-Way Molex Micro-Fit
USB Output	5V @ 1A
USB Connector	USB Type A
BATTERY PACK	
Type	Lithium Ion
Capacity	98Wh
Charging Time (from empty & no load)	4 hours fast charging to 80% additional 3 hours to 100%
ENVIRONMENTAL	
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Charging Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-25°C to 60°C (-13°F to 140°F)
Dimension	254mmL x 80mmW x 25mmH
Humidity	<85% RH non-condensing
Weight	≈ 880 grams
EMC	EN55022 Class B, IEC61000-4-(2,3,4,6)
Safety	IEC/EN/AS/NZ 60950-1

3. Physical Features



4. Accessories and Connection



* Local Power cable required