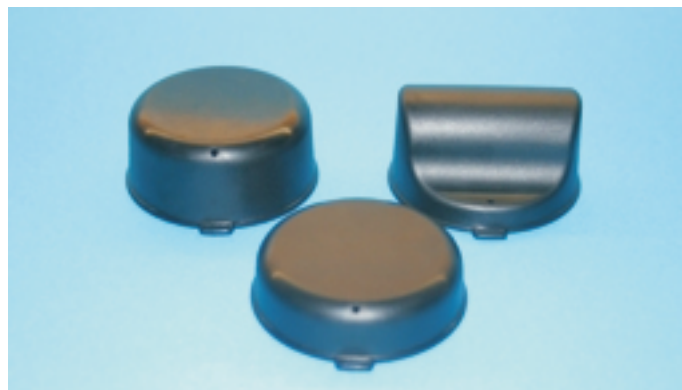


## DC Adapter with Rechargeable 1800mAh Li-Ion battery backup for Traxlogix base units

### FEATURES

- Li-Ion Chemistry
- Wide input DC voltage: 10 to 30VDC
- Factory adjustable Charge current
- 1800mAh Capacity
- Charge enable input
- Internal 256 Kbit eeprom memory
- Battery Unique ID identification
- Maintenance-free
- RoHS Compliant



### APPLICATIONS

The PSC-900 is especially designed to provide a direct DC and rechargeable source of energy for all Traxlogix TRX series of Tracking base units :

- Automotive
- Motorbikes
- Marine
- Construction equipment

### COMPATIBILITY

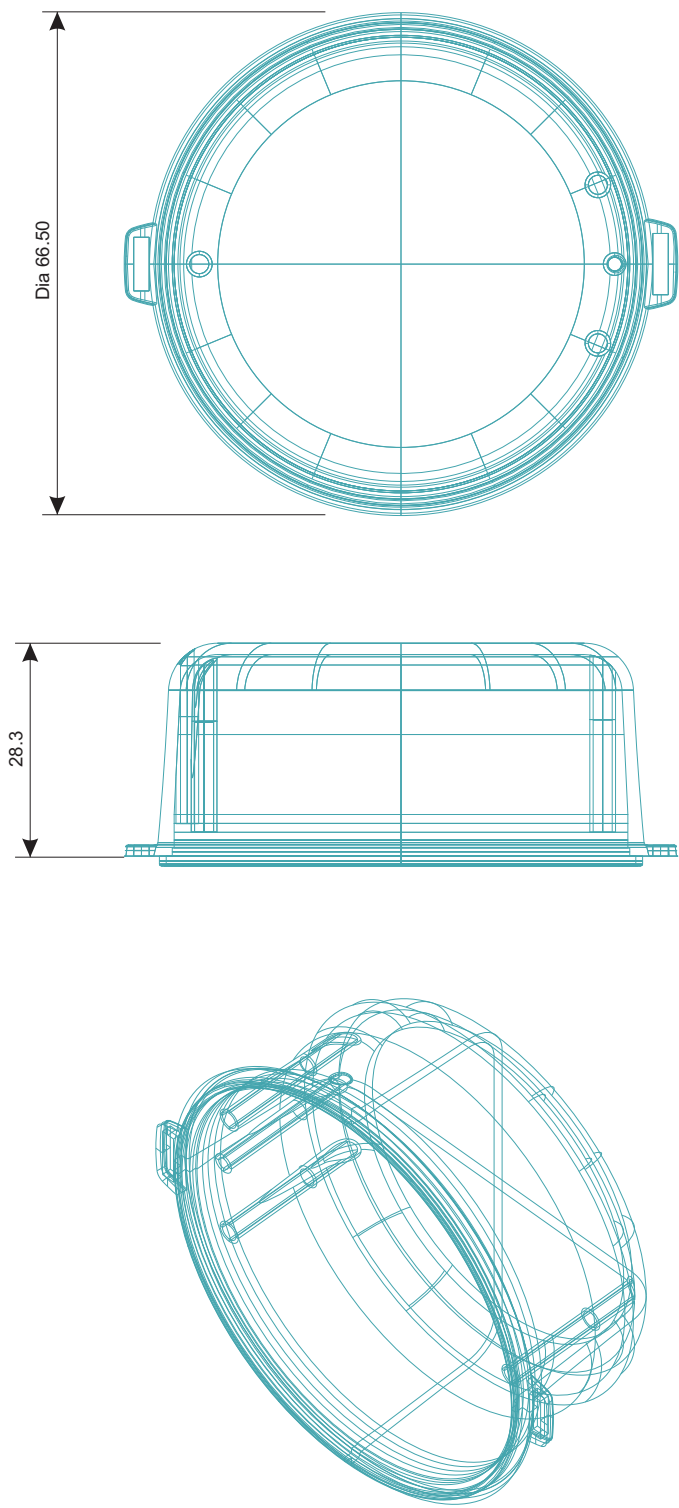
The PSC-900 is compatible with the following tracking base units :

- TRX-110
- TRX-200
- TRX-220
- TRX-300
- TRX-330
- TUR-100 USB reader compatible

### DESCRIPTION

The **TRAXLOGIX** PSC-900 provide a direct DC source and a backup battery in case of power fail. The charge process of the backup cell can be controlled by a input wire. This very useful feature for automotive applications will allow to reduce power consumption when the engine is not running. Initially designed to be used with the TRX-110 tracking base unit in applications where the tracking unit is permanently connected to the GSM network. The backup battery has a nominal capacity of 1800mAh. The PSC-900 is 100% maintenance-free. The internal 256Kbit eeprom will provide sufficient memory space to store up to 10.000 GPS positions. Each DC adapter has a unique 64 bit ID serial number programmed during the production process, this will allow the tracking base unit to recognize which type of power source is connected and detect when the user replace the DC adapter by a new one. Energy is supplied through the use of a premium quality Li-Ion single cell delivering a nominal voltage of 3.6 volt with a pulse discharge current capability for up to 2000mA. The GPS positions stored into the memory can be downloaded using the TUR-100 USB reader.

MECHANICAL



All dimensions are in millimeters

## ELECTRICAL CHARACTERISTICS

CHARACTERISTICS	VALUE	UNIT
Nominal input voltage:	10 to 30 VDC	Volt
Charging current when Charge is enabled:	Adjustable (please call factory)	mA
Standby current (Charge disabled):	78	μA
Internal short circuit protection limit:	3000	mA

## ENVIRONMENTAL CHARACTERISTICS

CHARACTERISTICS	VALUE	UNIT
Storage temperature range:	-20 to +50	°C
Normal operating temperature range:	-20 to +60	°C
Weight:	212	g

### Hazards Identification

Do not short circuit, puncture, incinerate, crush, immerse, force discharge or expose to temperatures above the declared operating temperature range of the product. Risk of fire or explosion. The Li-Ion batteries described in this Product Safety Data Sheet are sealed units which are not hazardous when used according to the recommendations of the manufacturer. Under normal conditions of use, the electrode materials and liquid electrolyte they contain are not exposed to the outside, provided the battery integrity is maintained and seals remain intact. Risk of exposure only in case of abuse (mechanical, thermal, electrical) which leads to the activation of safety valves and/or the rupture of the battery containers. Electrolyte leakage, electrode materials reaction with moisture/water or battery vent/explosion/fire may follow, depending upon the circumstances.

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