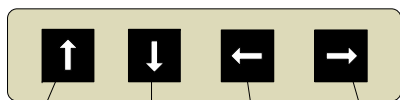


## Graphical User Interface:

**ENTER** – Selects menu item or value, and saves it.

**Up/Down** – Changes current menu item or value.

**Esc** – Exits without saving.



Up Down Escape Enter

Press **ENTER** from main screen to get overview screen

Press **ENTER** from overview screen to get main menu

- UI Configuration : Change Backlight settings
- System Information : Firmware, Serial, Runtime
- Enable Sleep : Force System to standby
- Quick Start / Help Menu : Help guides
- Diagnostics : See power summary, get details
- Port Information : Details on what is connected
- Data Logging : Change settings / Clear log

Press **UP DOWN** anytime to get Diagnostic screen

## Quick Tips:

**Always use a BB2590, conformal battery or CIG Plug Adapter/NATO Plug in any other available port when using Solar power. This is acts as a ballast due to inconsistency with Solar Power.**

**Energy Sources (AC, Vehicle, Solar, Disposable Batteries):** Ports 3 and 4.

**Powering Equipment (Radios, Laptops, PDAs):** Any Port.

**Recharging Batteries:** Ports 1, 2, 5, and 6.

*You cannot hurt* the SPM or a device by plugging it into the wrong port.

If the SPM needs a different port, *it will tell you.*

Batteries plugged into Ports 3 and 4 are drained as fast as possible. Batteries plugged into other ports are drained only when needed.

Plug multiple identical devices into port pairs: Solar panels into 3 and 4, Radios into 5 and 6, etc.

## SPM-622 Squad Power Manager User Reference Card



For further assistance contact us at:

Email: [support@protonex.com](mailto:support@protonex.com)

Tel: +1-508-490-9960

Office hours: 8am-5pm, EST

## Additional Cables Available:

### Radios:

PRC-117 (F/G)  
PRC-119 (ASIP)  
PRC-150  
PRC-152  
PRC-153  
PRC-154  
SIR  
CNRS

### User Devices:

Toughbook  
Dell  
Itronix MR-1  
Itronix XR-1  
Tablet  
Android Phone  
iPhone

### Other:

Iridium Phone  
Boomerang  
ROVER  
Extension Cables  
Right-Angle Cables  
Generic Clips

### Batteries:

BB-5590  
BB-2557  
MBITR  
Rifleman Radio  
Li-80  
Li145  
AA / CR-123 Charger

### Solar & Alt Eng:

Global Solar (trailer)  
36 inch and 20 foot  
Y cables  
5,10,30,60,100,120W panels  
XX25 Fuel Cell  
XX55 Fuel Cell

### AC:

36W Global AC  
60W Global AC  
120W Global AC

### Vehicle:

NATO Slave  
Cig Plug/Socket  
28V Aircraft

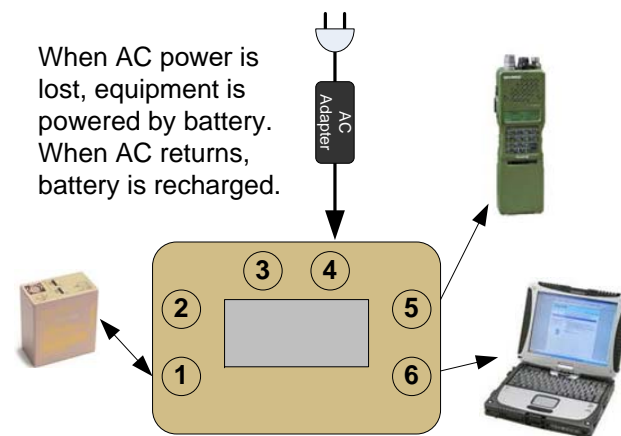
For further information about supported equipment, visit our website:

[www.PTXnomad.com](http://www.PTXnomad.com)

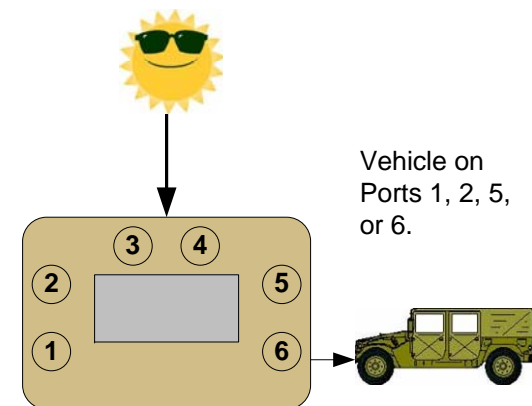
## SPM-622 Squad Power Manager User Reference Card

### Field UPS:

When AC power is lost, equipment is powered by battery. When AC returns, battery is recharged.



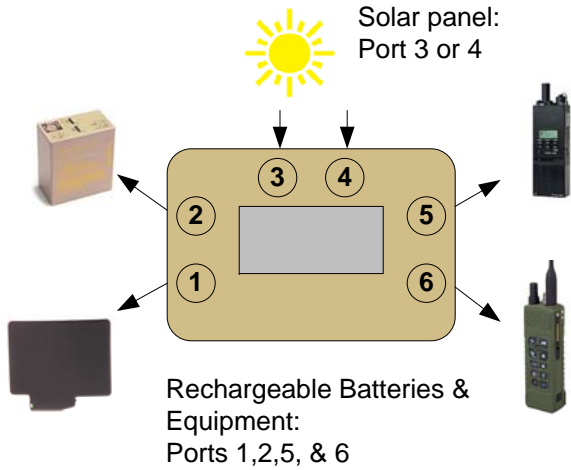
### Charge Vehicle From Solar:



Vehicle on Ports 1, 2, 5, or 6.

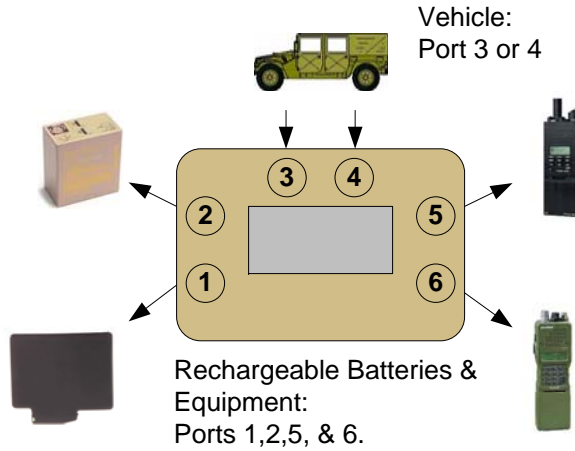
Reference Card P/N 007-981  
Revision 2

**Charge Batteries and Power Equipment From Solar:**



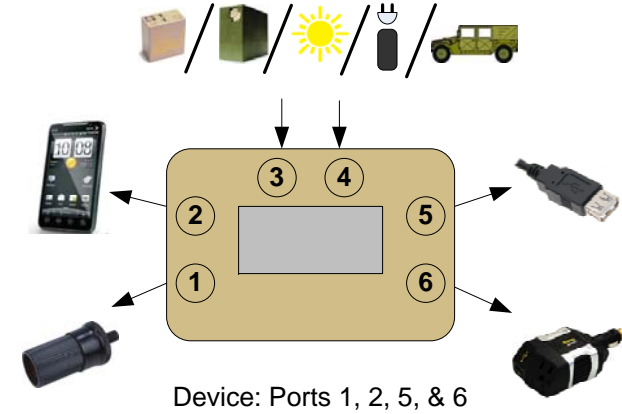
**Battery Back-Up:**  
When solar is lost, battery powers equipment.  
When solar returns, battery is recharged.

**Charge Batteries and Power Equipment From Vehicle:**



**Power From Vehicle:**  
NATO Slave Cable  
Alligator Clips  
Cigarette Plug

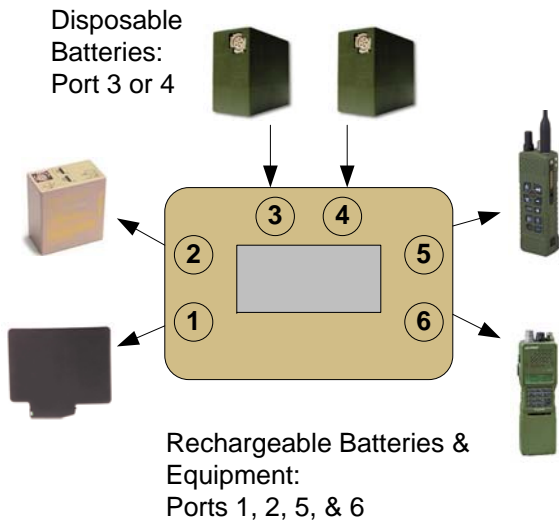
**PDA / Consumer Device Power:**



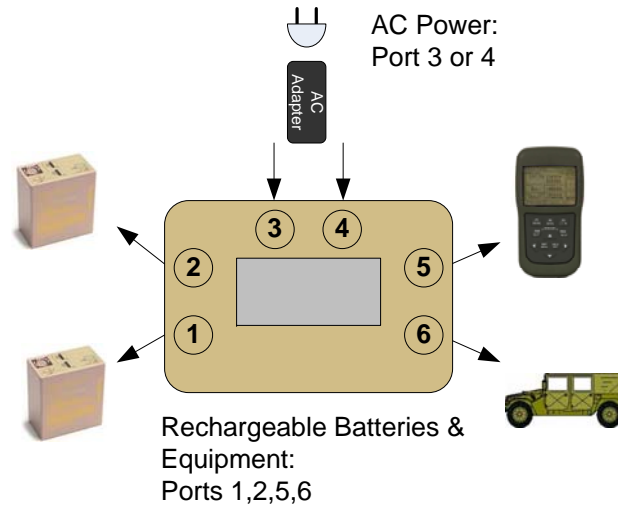
**USB Socket**  
Cig Jack  
Cig Plug  
AC Inverter

**Other Accessories:**  
USB – Micro USB  
INTL. AC plug adapter

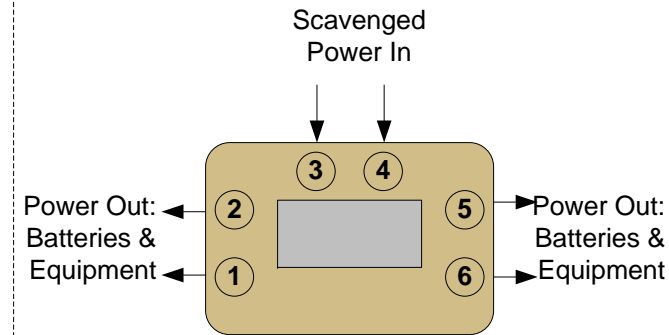
**Drain Partially Used Disposable Batteries to Charge Batteries and Power Equipment:**



**Charge Batteries and Power Equipment From AC Power:**



**General Usage Guidelines**



<b>Power Sources:</b>		<b>Power Acceptors:</b>	
Solar	Conformal Batt.	BB-2590	HMMWV
HMMWV	AC Power	BA-5590	DAGR
BB-2590	Cig Lighter Plug	PRC-148 Elim.	AC outlet
BA-5590	Alligator Clips	PRC-148 Batt.	USB port
		PRC-152 Batt.	Cig socket
		PRC-154 Batt.	Cig plug