



NERV CENTR®



SQUAD POWER MANAGER

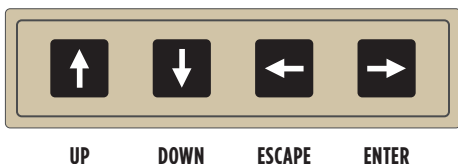
**QUICK REFERENCE CARD:
GENERIC USE**

GRAPHICAL USER INTERFACE

ENTER - Selects menu item or value, and saves it.

UP/DOWN - Changes current menu item or value.

ESCAPE - Exits without saving.



TIPS

Press **ENTER** from reset screen to get Overview screen.

Press **ENTER** from Overview screen to get to 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.

RULES OF THUMB

Always use a BB2590, conformal battery or CIG Plug Adapter/NATO Plug in any other available port when using Solar power. This 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.

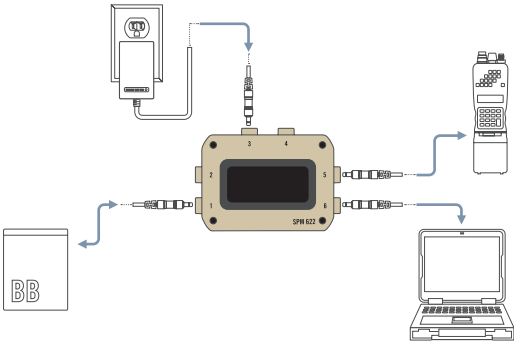
If the SPM needs a different port, **IT WILL TELL YOU.**

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.

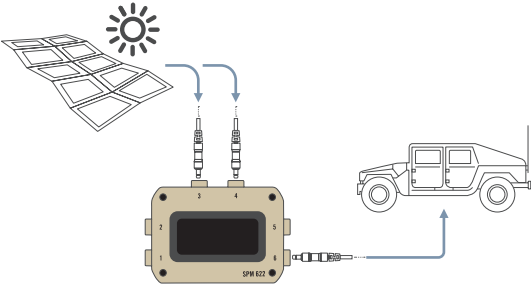
FIELD UPS

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



CHARGE VEHICLE FROM SOLAR

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

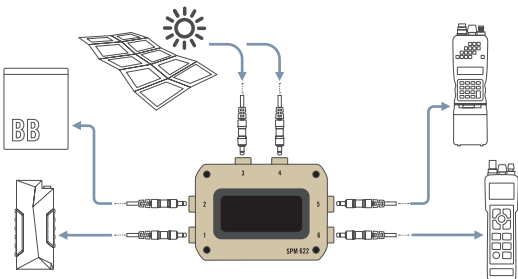


CHARGE BATTERIES AND POWER EQUIPMENT FROM SOLAR

Solar panel: Port 3 or 4.

Rechargeable Batteries & Equipment: Ports 1,2,5, & 6.

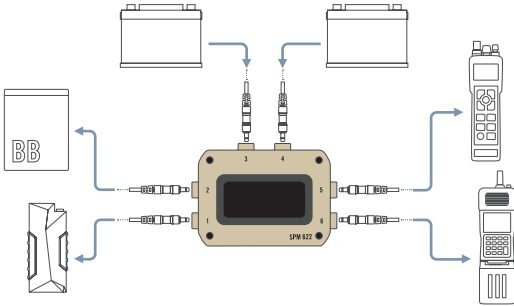
Battery Back-Up: When solar is lost, battery powers equipment. When solar returns, battery is recharged.



DRAIN PARTIALLY USED DISPOSABLE BATTERIES TO CHARGE BATTERIES AND POWER EQUIPMENT:

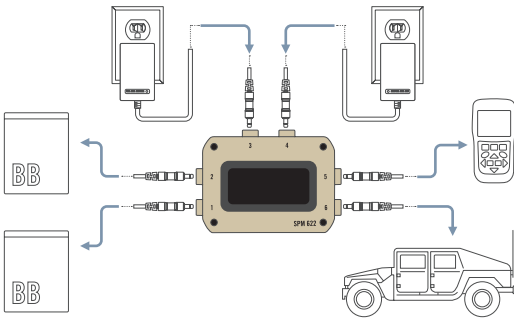
Disposable batteries: Port 3 or 4.

Rechargeable Batteries & Equipment: Ports 1, 2, 5, & 6.



CHARGE BATTERIES AND POWER EQUIPMENT FROM AC POWER

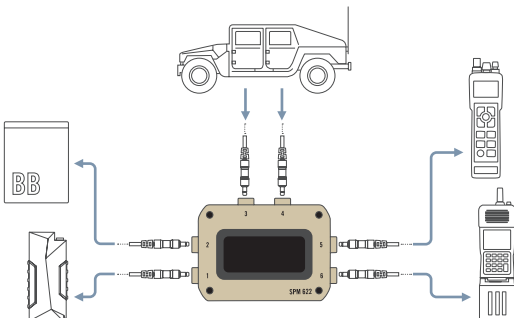
Rechargeable Batteries & Equipment: Ports 1,2,5,6.



CHARGE BATTERIES AND POWER EQUIPMENT FROM VEHICLE

Rechargeable Batteries & Equipment: Ports 1,2,5, & 6.

Power From Vehicle: NATO Slave Cable, Alligator Clips, Cigarette Plug.

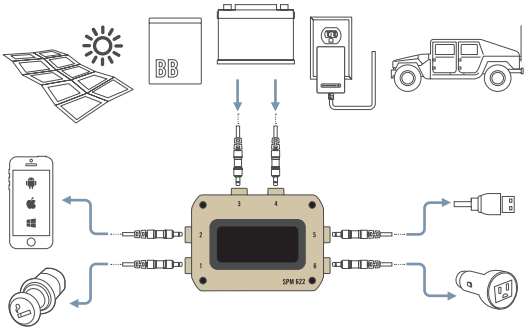


PDA/CONSUMER DEVICE POWER

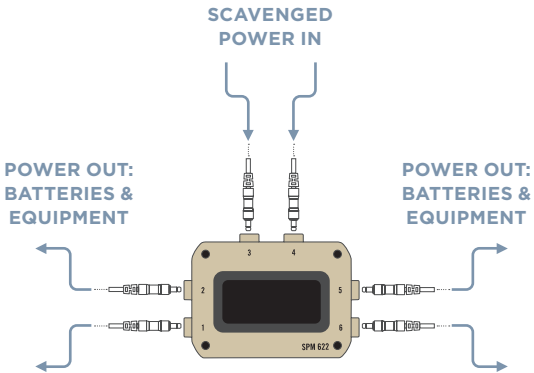
Device: Ports 1, 2 or 3.

USB Socket, Cig Jack, Cig Plug, AC Inverter

Other accessories: USB - Micro USB, Intl. AC plug adapter



GENERAL USAGE GUIDELINES



POWER SOURCES:

Solar	Conformal Batt.
HMMWV	AC Power
BB-2590	Cig Lighter Plug
BA-5590	Alligator Clips

POWER ACCEPTORS:

BB-2590	HMMWV
BA-5590	DAGR
PRC-148 Elim.	AC outlet
PRC-148 Batt.	USB port
PRC-152 Batt.	Cig socket
PRC-154 Batt.	Cig plug

ADDITIONAL CABLES AVAILABLE

RADIOS:

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

BATTERIES:

BB-5590	BB-2557
MBITR	Rifleman Radio
Solopack	Conformal
AA / CR-123 Charger	

SOLAR AND ALT ENG:

Global Solar (trailer)	36 in and 20 ft 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	

USER DEVICES:

Toughbook	Dell
MS Surface Pro	Getac Tablets
Tablet	Android Phone
iPhone	

OTHER:

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

CONTACT US FOR FULL LIST OF AVAILABLE CABLES

FOR ASSISTANCE CONTACT

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007-981 REV3