

SQUAD POWER MANAGER™ [SPM]

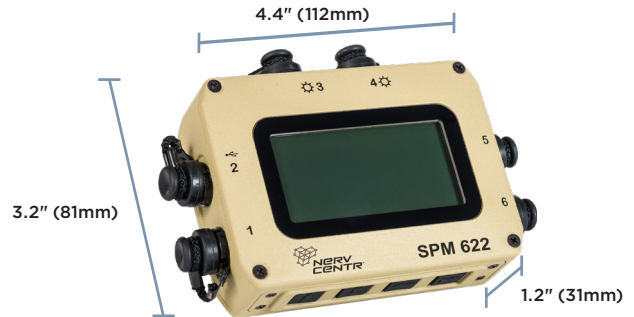
POWER ALL YOUR GEAR, ALL THE TIME, IN ANY ENVIRONMENT

GALVION SQUAD POWER MANAGER™ (SPM) integrates with more than 200 varieties of batteries and electronic equipment, seamlessly supporting a wide range of missions and shifting user demands. The Squad Power Manager can draw power from any source – vehicle or aircraft power outlets, solar blankets, primary and secondary batteries, and more – anywhere in the world. With its built-in intelligent power management software, the Squad Power Manager can power a variety of equipment and recharge batteries simultaneously – no reprogramming required. A true plug-and-play solution, the Squad Power Manager reduces weight, streamlines logistics, scavenges power from any available source on the battlefield, and, above all, keeps your equipment up and running when it matters most.



KEY FEATURES

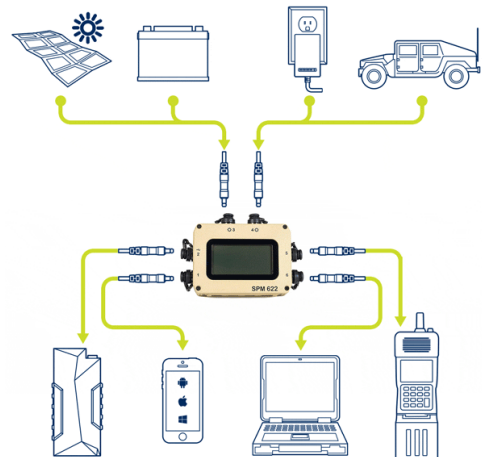
- 6x Mighty Mouse compatible 7-pin; bi-directional ports
- Power devices, manage energy sources, and charge up to five batteries simultaneously, without any manual reconfiguration or reprogramming
- LCD screen displays power levels and remaining mission time
- Waterproof up to 1 meter for 30 minutes
- Operating temperature of -22°F (-30°C) to 149°F (65°C)
- USAF certified safe-to-fly
- Field proven with use in U.S. DoD branches – including USSOCOM units, U.S. Army SFABs, as well as international space units, and the U.S. Army Nett Warrior Program of Record



The Nerv Centr[®] Squad Power Manager™ (SPM) supports a wide range of military operations by integrating seamlessly with batteries and electronic equipment.

APPLICATIONS

- Soldier systems
- Central power systems
- Portable field equipment
- Special Forces forward-operation equipment



	PART NUMBER	NSN
SPM	008-774	6130-01-626-9656
SPM CORE KIT	014-194	-
SPM ITN CABLE BUNDLE	014-314	-
SPM ROLL KIT - SOLAR VEHICLE MAINTENANCE	008-794	6130-01-629-9929
SPM KIT - ARMY INFANTRY	006-660	6150-01-655-9499
SPM ROLL KIT - 60W SOLAR	010-455	6150-01-656-0447
SPM ROLL KIT - SPECIAL FORCE	007-471	6150-01-625-1021

TECHNICAL SPECIFICATIONS

DIMENSIONS	L 4.4" (112mm) x W 3.2" (81mm) x H 1.2" (31 mm)
WEIGHT	1.0 lb. (453.59 grams)
POWER	<p>PORT VOLTAGE: 4-34V DC</p> <p>PORT MAX POWER: 150 Watts (14V nom), 300 Watts (28V nom)</p> <p>PORT MAX CURRENT: 10 Amps</p> <p>PORT PROTECTION: Over-voltage, Overcurrent, Short Circuit, Reverse Polarity, Surge, ESD</p> <p>SMART CHARGING: SMBus 1.1 and SMBus 2.0 Support, All Ports</p> <p>DATA INTERFACE USB Port</p> <p>HARVESTER PORTS: Up to Two (with MPPT)</p> <p>POWER INPUTS: Any DC source in 4-34V range (worldwide AC sources with converter)</p>

SPECIFICATIONS

CONNECTORS	6x Mighty Mouse compatible 7-pin; bi-directional
GRAPHICAL DISPLAY	Backlit LCD screen displays all power levels & remaining mission time
CONTROL KEYPAD	Up, Down, Enter and Escape buttons
OPERATING TEMPERATURE	-22°F (-30°C) to 149°F (65°C)
STORAGE TEMPERATURE	-22°F (-30°C) to 158°F (70°C)
WATER IMMERSION	Waterproof at 1 meter for 30 min (per MIL-STD 810/IP67) or greater
MILITARY TESTING	Meets MIL-STD-810G and MIL-STD-461F
BATTERY COMPATIBILITY	Virtually all standard military issue, MOTS, and COTS batteries; including BB-2557 / -2590 / -2600 / -2800, CWB, CSEL, 12 / 24V vehicle, SoloPack™ and SharePack®; Snap-on®, DeWalt® and Milwaukee® tool batteries, and more...
CABLES AND ADAPTERS	<p>Connect and power over 200 types of electronic gear, including:</p> <ul style="list-style-type: none"> • Radios and Communications equipment • Specialist Explosive Ordnance Demolition gear • GPS, targeting and imaging equipment • Laptops, tablets and smart phones • Prolonged Field Care medical equipment • Unmanned Systems platforms and controllers