

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.

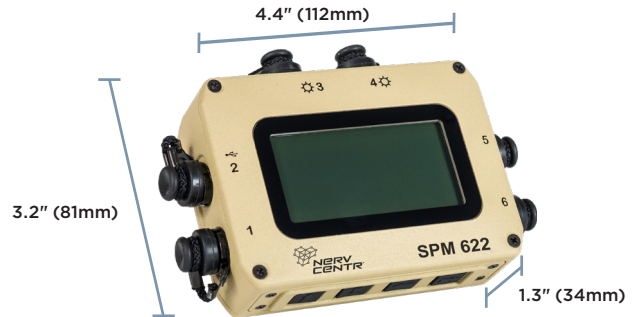


KEY FEATURES

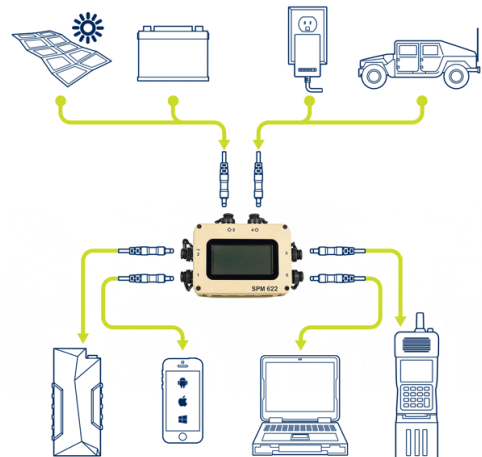
- 6x Mighty Mouse compatible 7-pin; bi-directional ports
- Power devices, manage energy sources, and charge up to five batteries simultaneously, without any manual reconfiguration or reprogramming
- LCD screen displays power levels and remaining mission time
- Waterproof up to 1 meter for 30 minutes
- 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, US Marine Expeditionary Forces, US Army Light Infantry/SFABs, as well as international space units, and the U.S. Army Nett Warrior Program of Record

APPLICATIONS

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



The Nerv Centr[®] Squad Power Manager™ (SPM) supports a wide range of military operations by integrating seamlessly with batteries and electronic 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
USMC PORTABLE POWER SCAVENGER SYSTEM (P2S2)	016-045	6117-01-701-8066
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 1.3" (34 mm)
WEIGHT	1.0 lb. (453.59 grams)
PROTECTION	Over-voltage, Overcurrent, Short Circuit, Reverse Polarity, Surge, ESD, Over-temp
COMMUNICATION	SMART CHARGING: SMBus 1.1 and SMBus 2.0 Support, All Ports DATA INTERFACE: USB Device on Port 2
NATIVE BATTERY VOLTAGE (No voltage conversion)	All Ports VOLTAGE: 9-34V DC MAX CURRENT: 10A
VOLTAGE CONVERSION (Non-native battery output)	Up to two additional different voltages, each on up to two ports VOLTAGE: 3-33.6V DC MAX POWER: 105W MAX CURRENT: 7A
POWER HARVESTING	Up to two ports MPPT capable VOLTAGE: 4-34V DC (worldwide AC sources with converter) MAX POWER: 160W MAX CURRENT: 10A

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	Connect and power over 200 types of electronic gear, including: <ul style="list-style-type: none"> • Radios and Communications equipment • Specialized Explosive Ordnance Demolition gear • GPS, targeting and imaging equipment • Laptops, tablets and smart phones • Prolonged Field Care medical equipment • Unmanned Systems platforms, controllers, and charging equipment