SQUAD POWER MANAGER™ (SPM)

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

NERV CENTR 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 outlet, solar blanket, 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.

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

- **FIELD-PROVEN** – In use with all U.S. DoD branches – including USSOCOM units, U.S. Army SFABs, as well as international special operations units – and the U.S. Army Nett Warrior Program Of Record

- **USAF CERTIFIED SAFE-TO-FLY** – Can be used while in-flight and/or connected to aircraft power. When used with the SPM, the Nerv Centr SoloPack and SharePack can be recharged while on board

- **COMPACT AND EFFICIENT** – Helps ground troops reduce their weight burden and operate more effectively – especially in remote or austere environments

- **BROAD COMPATIBILITY** – Ensures continuous operation of mission-critical equipment – radios, satellite phones, GPS units, tablets, laptops, medical equipment, EOD equipment, power tools, UAV batteries, and more

- **SIX UNIVERSAL PORTS** – Power devices, manage energy sources, and charge up to five batteries – simultaneously, without any manual reconfiguration or reprogramming

- **RUGGED** – Fully ruggedized for military use, the Squad Power Manager withstands temperatures ranging from -30°C to 70°C, and can operate when fully submerged in more than a meter of water

	PART NUMBER	NSN
SPM	008-774	6130-01-626-9656
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

SIZE	1.2" H x 4.4" L x 3.2" W (3.1cm H x 11.2 cm L x 8.1 cm W)
WEIGHT	1.0 lb. (453.59 grams)
CONNECTORS	6x Glenair® Series 80 Mighty Mouse 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	-20 to 60°C
STORAGE TEMPERATURE	-30 to 70°C
IMMERSION RESISTANCE	Waterproof at >1m for >30m (as per MIL-STD-810 Method 512.6)
MILITARY TESTING	Meets MIL-STD-810G and MIL-STD-461F

PORT VOLTAGE	4–34V DC
PORT MAX POWER	150 Watts (14V nom), 300 Watts (28V nom)
PORT MAX CURRENT	10 Amps
PORT PROTECTION	Over-voltage, Over-current, Short-circuit, Reverse Polarity, Surge, ESD
SMART CHARGING	SMBus 1.1 and SMBus 2.0 Support, All Ports
DATA INTERFACE	USB Port
HARVESTER PORTS	Up to Two (with MPPT)
POWER INPUTS	Any DC source in 4-34V range (worldwide AC sources with converter)

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: • 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