



## sUAS POWER MANAGEMENT SOLUTIONS

MAXIMIZE THE EFFICIENCY AND CAPABILITIES OF YOUR SYSTEM WITH OUR RUGGED, INTELLIGENT SOLUTIONS.

Galvion's Nerv Centr® austere power management solutions provide sUAS users with the ability to keep batteries charged and draw power from any available source in order to maintain full, constant mission capability when no AC grid or generator is available. Our smart cable technology not only allow users to harvest power from vehicle power outlets, vehicle batteries, solar panels/blankets, military or commercial grade batteries, it also allows sUAS aircraft batteries to be used as a power source to run other essential equipment such as radios, GPS devices, tablets and even medical equipment for field casualty treatment. These power management solutions simplify logistics by reducing battery burden and resupply requirements while ensuring that all mission-critical equipment is powered and ready to go in even the most austere environments.



*The Squad Power Manager (SPM-622) integrates seamlessly with batteries and electronic equipment.*

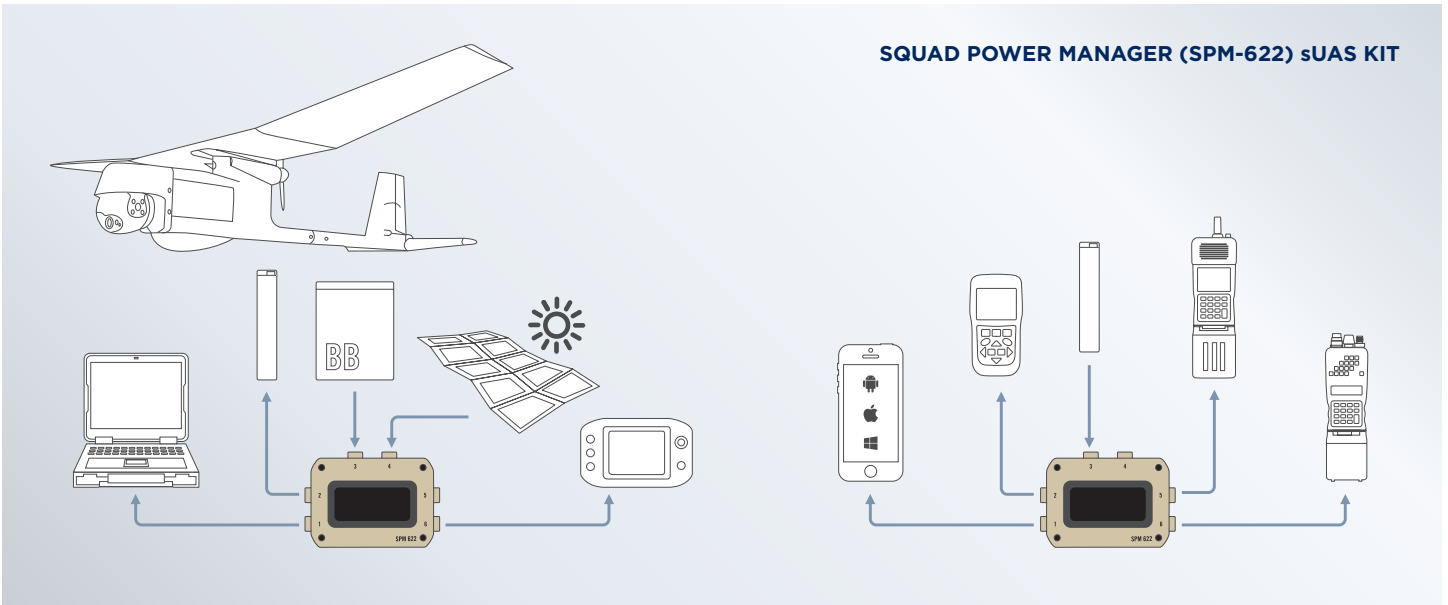
### SQUAD POWER MANAGER (SPM-622) sUAS KIT

Includes SPM-622, a flexible solar blanket, vehicle and battery power scavenging cables and all the connectors and accessories needed to charge the aircraft battery, Ground Control Station and Toughbook® simultaneously. Rugged and reliable, the SPM-622 operates efficiently in temperatures ranging from -20° to +60°C / -4° to +120°F. It is also fully waterproof and can be customized to include additional cables to meet mission needs.

Available for Raven®/Puma® and SkyRanger® sUAS.

TECHNICAL SPECIFICATIONS	
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

## SQUAD POWER MANAGER (SPM-622) sUAS KIT



*The Mission Adaptive Charging Station [MAX-8] smart-adapter technology delivers true plug-and-play capabilities for superior ease-of-use and efficiency.*

## MISSION ADAPTIVE CHARGING STATION (MAX-8) sUAS KIT

Includes MAX-8 and necessary battery adapters to ensure that sUAS batteries are charged and ready to go. Allows users to charge up to 8 identical aircraft batteries simultaneously (4 dual battery adapters) or create customized battery charging capabilities with additional battery adapters. The MAX-8 also has 4 USB ports for concurrent charging of smart phones, tablets and other end-user devices. Built to stand up to the demands of expeditionary conditions, the Nerv Centr® MAX-8 is smaller, lighter and better value than other field-ready battery chargers. Packed in a waterproof case that is portable and impact-resistant, ensuring reliable operation and peak performance.

Available for Raven®/Puma® and SkyRanger® sUAS.

TECHNICAL SPECIFICATIONS	
POWER INPUT	7-52V at 20A
RATED POWER OUTPUT (WATTS)	400W
RATED VOLTAGE AT MPP (VDC)	52V
RATED CURRENT AT MPP (AMP)	20A
BAY PROTECTION	Over-voltage/current, Short-circuit, Reverse Polarity, Surge
BATTERY COMPATIBILITY	<ul style="list-style-type: none"> <li>• SkyRanger® GCS</li> <li>• SkyRanger®</li> <li>• Raven®/Puma®</li> <li>• Desert Hawk®</li> <li>• Vector 120®</li> </ul> <p><i>MAX-8 is compatible with most military batteries. Please contact us if you need support for a battery not listed.</i></p>

©2020 GALVION INC. ALL RIGHTS RESERVED. NERV CENTR®, MISSION ADAPTIVE CHARGING STATION™ AND SQUAD POWER MANAGER™ ARE TRADEMARKS OF GALVION INC. OR ONE OF ITS AFFILIATES. GAL2995\_0920

SKYRANGER®, RAVEN®, PUMA®, DESERT HAWK® AND VECTOR® ARE REGISTERED OR COMMON LAW TRADEMARKS OF THEIR RESPECTIVE OWNERS, AND ARE USED TO INDICATE THAT GALVION PRODUCTS ARE COMPATIBLE WITH THE PRODUCTS MADE BY THE OWNERS OF THESE TRADEMARKS.