



TACTICAL POWER SOLUTIONS

VULTURE POWER SCAVENGER

BATTERY CHARGING SYSTEM

- Designed for seamless integration with US Army Nett Warrior System and other single soldier tactical applications
- “Scavenge” power to offset discharging from the system battery and recharge the battery if excess power is available

DISMOUNTED POWER RECOVERY FROM NUMEROUS SOURCES INCLUDING VEHICLE, BATTERY, AND SOLAR

The Vulture Power Scavenger architecture is optimized to seamlessly integrate into the US Army Nett Warrior System, connecting in-line between a wearable “system battery”, a Conformal Wearable Battery (CWB) or 2590 and the rest of the system (radios, DAGR, EUD).

Powered by any DC source in voltage range 5-46 V (including solar), the Power Scavenger can deliver a maximum of 5 A at 16.8 V to system loads. “Scavenged” power is used to offset discharging from the system battery. If excess power is available, the unit will charge the battery as a SMBus Level 3 charger.

The Power Scavenger is wearable and easily mounts to MOLLE with a 2 x 1 footprint in the included pouch. Currently designed with program specific connectors, variants with different connectors could be produced.

TECHNICAL SPECS	
Connectors	P1 - Glenair 807-309-06ZNU6-6PY P2 - Glenair 807-348-01ZNU6-6SY P3 - Glenair 804-003-01ZNU6-7S
Input Voltage	5-46 VDC
Output Voltage	10-20 VDC
Battery Voltage Range	10-20 VDC
Protection	Over voltage, over current, short-circuit, reverse polarity, EMI filtering, ESD
Fault Recovery	Auto retry
Weight	0.245 lb (module), 0.310 lb (with pouch)

