

## STAY ALIVE POWER SUPPLY (SAPS) V2

**TAMCN: H00237G**

**I.D: 12257B**

**NSN: 6130-01-630-4700**



### **Functional Description**

The Stay Alive Power Supply (SAPS) V2 is a multi-battery maintainer that provides a storage maintenance solution for the Lithium-Ion operational rechargeable battery and non-rechargeable coin cell Hold Up Battery (HUB) for the AN/PRC-152 and AN/PRC-148. The SAPS V2 will maintain the SOC of the Lithium-Ion operational battery while attached to the Receiver/Transmitter (R/T) or seated independent of the R/T during extended periods of storage. When the R/T is stored without the rechargeable battery attached, the SAPS V2 will offset power drain of the internal non-rechargeable coin cell HUB extending the service life of the HUB preventing premature failures of the R/T. The SAPS can maintain up to 24 R/Ts and/or batteries at once.

### **Technical Description**

#### **Information**

Manufacturer: Graywacke Engineering  
 Model: GEI-24-SAPS-48

#### **Dimensions**

Length (in): 31.5  
 Width (in): 21.5  
 Height (in): 13.5  
 Weight (lbs): 41.0  
 Square (ft<sup>2</sup>)/Cube (ft<sup>3</sup>): 4.7/5.3

#### **Power**

**Input**  
 DC: 20-30 VDC  
 AC: 90-264 VAC, 47-63Hz

#### **Temperatures**

Operating: -22°F to +158°F  
 Storage: -40°F to +176°F, 10-95% RH

**Associated TAMCNs:** A00697G, Radio Set AN/VRC-111; A01297G, Receiver-Transmitter (THHR) AN/PRC-152(V)1; A01357G, Radio Set AN/VRC-112; A03317G, Radio Set AN/VRC-113(C); A20437G, Radio Set (MBITR Urban Version) AN/PRC-148(V)2; A20447G, Radio Set (MBITR Maritime Version) AN/PRC-148(V)3(C).

**Transportability:** Treat as cargo.

**NOTE:** The SAPS V2 is not intended to replace any battery chargers currently used to charge AN/PRC-152 or AN/PRC-148 Lithium-Ion rechargeable batteries. The SAPS V2 can be configured to charge batteries to a 90% SOC by activating the Mission Ready/Storage switch.