

## PULSE SOLAR CHARGER, (PSC) 24 VDC

TAMCN: N/A

I.D: N/A

NSN: 6130-01-487-0035



### **Functional Description**

The Pulse Solar Charger (PSC) is a 24V vehicle battery charger that charges all types of lead acid batteries including AGM and flooded cell batteries. This solar charging system prevents the loss of battery State of Charge, desulfates the battery, and helps offset energy loss from key-off parasitic loads. The PSC will not recharge dead batteries. The 24V PRU prevents overcharge of batteries allowing the PSC to be left connected indefinitely.

### **Technical Description**

#### **Information**

Manufacturer: PulseTech  
 Model: 735X640

#### **Dimensions**

Length (in): 0.125  
 Width (in): 9.0  
 Height (in): 11.0  
 Weight (lbs): 1.65  
 Square (ft<sup>2</sup>)/Cube (ft<sup>3</sup>): 0.008/0.007

#### **Power**

**Output:**  
 DC: 28 @ 200mA  
 Pulse Frequency: 22-28 KHz

#### **Battery Types**

Lead Acid: Flooded Cell  
 Absorbed Glass Mat: AGM

**NOTE:** Modification instructions have been published for mounting of the PSC on most of the Tactical Quiet Generator (TQG) and the Advanced Medium Mobile Power Sources (AMMPS) generator family. The PRU will pull between 3mA to 5mA (3 Amp hours per 30 days) from the generator battery.