

BATTERY SOLAR CHARGER, 12VDC



TAMCN: N/A

ID: N/A

NSN: 6130-01-546-8432

Functional Description

The Pulse Solar Charger (PSC) is a 12V vehicle battery charger that charges all types of lead acid batteries including AGM, VRLA, GEL 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 12V Pulse Recovery Unit (PRU) prevents overcharge of batteries allowing the PSC to be left connected indefinitely.

Technical Description

Battery Charger

Manufacturer: PulseTech
 Model: 735X740

Power

Input: N/A
 Output:
 DC: 17.4 @ 155mA

Pulse Frequency: 22-28 KHZ

Warranty

1 years limited

Battery Types

Lead Acid: (Flooded Cell)
 Absorbed Glass Mat: (AGM)

Dimensions

Depth (in): 0.125
 Width (in): 5.5
 Height (in): 8.5
 Weight (lbs): 1.0
 Volume (ft³): 0.003

Accessories

Solar Panel
 Pulse Recovery Unit (PRU)

Case Color: Solar Panel Olive Drab and Black. PRU is black.

NOTES: Modification instructions have been published for mounting of the PSC on the MMG25 (USMC) Generator. The PRU will pull between 3mA to 5mA (3 Amp hours per 30 days) from the generator battery.

BATTERY SOLAR CHARGER, 24VDC



TAMCN: N/A

ID: 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, VRLA, GEL 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 Pulse Recovery Unit (PRU) prevents overcharge of batteries allowing the PSC to be left connected indefinitely.

Technical Description

Battery Charger

Manufacturer: PulseTech
 Model: 735X640

Power

Input: N/A
 Output:
 DC: 28 @ 200mA

Pulse Frequency: 22-28 KHZ

Warranty 5 years limited

Dimensions

Depth (in): 0.125
 Width (in): 9.0
 Height (in): 11.0
 Weight (lbs): 1.65
 Volume (ft³): 0.005

Accessories

Solar Panel: 735X641
 Pulse Recovery Unit (PRU): 735X675

Battery Types

Lead Acid: (Flooded Cell)
 Absorbed Glass Mat: (AGM)

Case Color: Solar Panel Olive Drab and Black. PRU is black.

NOTES: Modification instructions have been published for mounting of the PSC on most of the Tactical Quiet Generator (TQG) family. The PRU will pull between 3mA to 5mA (3 Amp hours per 30 days) from the generator battery.