

BATTERY, VEHICLE, ABSORBED GLASS MAT (AGM) (ARMASAFE PLUS)



TAMCN: N/A

I.D. N/A

NSN: 6140-01-485-1472

Functional Description

The ARMASAFE Plus, commonly referred to as the HAWKER, is a maintenance free, sealed, Absorbed Glass Mat (AGM) lead acid battery. The HAWKER is a direct replacement for the existing military 6TMF battery and meets or exceeds all 6TMF specifications. With 1225 Cold Cranking Amps the HAWKER provides nearly double the starting power of the 6TMF. The expected battery life is three to four times longer than the 6TMF and has a shelf life of up to 30 months.

Technical Description

Battery

Manufacturer: Energsys Inc
 Model: HASP-FT
 Color: Light Gray
 Warranty: 18 months from MFG date
 Shelf life: 30 months @ 77°F

Dimensions

Length (in): 10.0
 Width (in): 10.5
 Height (in): 8.9
 Weight (lbs): 88.0

Performance Data

Open Circuit Voltage: 13V (fully charged)
 Internal Resistance: 0.0017 ohms
 Reserve capacity: 240 Minutes

Specifications

Power: CCA (BCI 0°F) 1225 Amps
 Cycle Life (Deep Cycle) BCI: 350 cycles

Interchangeable with

6TMF

**Recommended
Chargers**

TAMCN
 K0001
 K0003

NAME
 PCWV PLUS
 PRO-HD

NSN
 6130-01-477-4703
 6130-01-500-3401

NOTE: This is a sealed battery. Overcharging with commercial battery chargers may cause electrolyte to evaporate damaging the battery.

Storage at high temperatures permanently degrades battery capacity of all batteries.

Check the manufactures MSDS for disposal information.

**BATTERY, GENERATOR, ABSORBED GLASS MAT (AGM)
(OPTIMA 800S)**



TAMCN: N/A

I.D. N/A

NSN: 6140-01-493-1962

Functional Description

The OPTIMA is a high power, sealed/Absorbed Glass Mat (AGM) lead acid, starting battery and is the standard battery used on Tactical Quiet Generators (TQG). The OPTIMA is not approved for use in vehicles because it does not meet the required minimum reserve capacity or outside physical dimensions of the 6T series vehicle battery. The OPTIMA is designed to deliver quick bursts (cranking AMPS) of energy and is a generally a “starting battery” for generators. A tray adapter, NSN 6160-01-453-0858, is available when installing the OPTIMA in a standard 6T battery tray.

Technical Description

Battery

Manufacturer: Optima Batteries
 Model: 800S
 Color: Dark Grey Case
 Red Top
 Warranty: 12 months
 Shelf life: 24 months

Dimensions

Length (in): 10.0
 Width (in): 6.8
 Height (in): 7.8
 Weight (lbs): 37.9

Performance Data

Open Circuit Voltage: 12.8V (fully charged)
 Internal Resistance: 0.0032 ohms
 Capacity: 50Ah (C/20)

Specifications

Power: CCA (BCI 0°F) 800 Amps

Interchangeable with

N/A

**Recommended
Chargers**

TAMCN
 K0001
 K0003

NAME
 PCWV PLUS
 PRO-HD

NSN
 6130-01-477-4703
 6130-01-500-3401

NOTE: This is a sealed battery. Overcharging with commercial battery chargers may cause electrolyte to evaporate damaging the battery.

Storage at high temperatures permanently degrades battery capacity of all batteries.

Check the manufactures MSDS for disposal information.

**BATTERY, GENERATOR, ABSORBED GLASS MAT (AGM)
(OPTIMA 800U)**



TAMCN: N/A

I.D. N/A

NSN: 6140-01-374-2243

Functional Description

The OPTIMA is a high power, sealed/Absorbed Glass Mat (AGM) lead acid, starting battery and is the standard battery used on Tactical Quiet Generators (TQG). The OPTIMA is not approved for use in vehicles because it does not meet the required minimum reserve capacity or outside physical dimensions of the 6T series vehicle battery. The OPTIMA is designed to deliver quick bursts (cranking AMPS) of energy and is a generally a “starting battery” for generators. A tray adapter, NSN 6160-01-453-0858, is available when installing the OPTIMA in a standard 6T battery tray. The OPTIMA 800U has additional side style terminals.

Technical Description

Battery

Manufacturer: Optima Batteries
 Model: 800U
 Color: Dark Grey Case
 Red Top
 Warranty: 12 months
 Shelf life: 24 months

Dimensions

Length (in): 10.0
 Width (in): 6.8
 Height (in): 7.8
 Weight (lbs): 37.9

Performance Data

Open Circuit Voltage: 12.8V (fully charged)
 Internal Resistance: 0.0032 ohms
 Capacity: 50Ah (C/20)

Specifications

Power: CCA (BCI 0°F) 800 Amps

Interchangeable with

N/A

Recommended Chargers

TAMCN
 K0001
 K0003

NAME
 PCWV PLUS
 PRO-HD

NSN
 6130-01-477-4703
 6130-01-500-3401

NOTE: This is a sealed battery. Overcharging with commercial battery chargers may cause electrolyte to evaporate damaging the battery.

Storage at high temperatures permanently degrades battery capacity of all batteries.

Check the manufactures MSDS for disposal information.