

**BATTERY, VEHICLE, STORAGE, 12V, 120Ah C20
ABSORBED GLASS MAT (AGM)**



Part Number: 9750N7025 NSN: 6140-01-485-1472 Model: HASP-FT/6TAGM

The ARMASAFE™ Plus battery, commonly referred to as the Hawker® battery, is a maintenance free, Absorbed Glass Mat (AGM), sealed lead acid battery. The Hawker 6TAGM battery is an authorized direct replacement for the existing military 6TMF battery and meets or exceeds the 6TMF and MIL-PRF-32143 specifications. With 1225 Cold Cranking Amps, the ARMASAFE Plus battery provides nearly double the starting power of the 6TMF. The expected battery life is three to four times longer than the 6TMF. The Hawker 6TAGM battery has a shelf life of up to 30 months.

Technical Description

Shelf Life:	30 months @ 25°C/77°F	Case:	Sealed
Expected Operational Life:	48-54 months	Technology:	Valve-regulated
Warranty:	18 months from ship date	Transport Class:	Non-spillable
Type:	Thin Plate Pure Lead (TPPL)	Color:	Light Gray

Dimensions/Weight:

Weight: 88 lbs. (40kg)	Length: 10.0 in. (254 mm)	Width: 10.5 in. (267 mm)	Height: 9.06 in. (230 mm)
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Electrical Characteristics:

Open Circuit Voltage:	13V (fully charged)	Cold Cranking Amp (BCI 0°F):	1225 Amps
Internal Resistance:	0.0017 Ohms	Capacity:	120Ah C ₂₀
Reserve Capacity:	240 minutes	Usable Reserve:	70% DOD
Cycle Life:	360 cycles	Deep Cycle Life:	120+ cycles
Temperature Performance Range:	-40°C to +80°C/-40°F to +176°F		

Manufacturer/Contact Information:

Manufacturer:	EnerSys Energy Products Inc.	Cage Code:	0WY95
Telephone:	877-485-1472	Web:	www.hawkerplus.com

Notes:

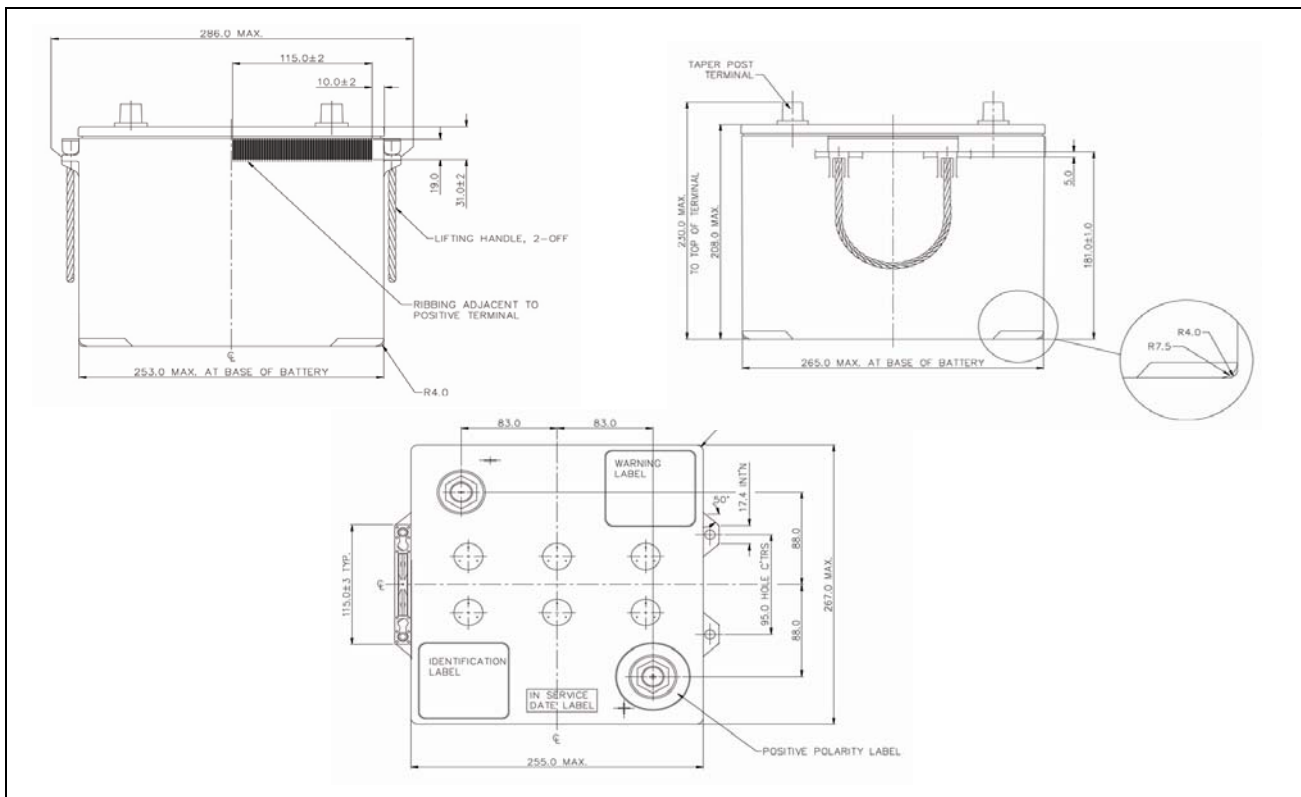
1. This is a sealed battery. Overcharging with commercial battery chargers might cause electrolyte to evaporate damaging the battery. EnerSys recommends using a constant voltage charger.
2. When charging a single battery, charge between 14.0-15.0 volts. For series charging, charge between 28-30 volts.
3. Storage at high temperatures accelerates the self discharge rate of all batteries.
4. The width is greater at the top (11.26 in. (286mm)) due to the carrying handles.
5. STANAG 4015 compliant.

These batteries and associated products are subject to the regulations of the International Traffic in Arms Regulations (ITAR) contained in 22 C.F.R. Parts 120-130. Any export or re-export of these products requires a prior written export authorization from the U.S. Department of State. It is the responsibility of the purchasing or receiving party to comply with all requirements of the ITAR, including ensuring that all required export authorizations are in place prior to exportation or re-exportation.

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**Run time at various constant current discharges
to various end voltage (volts per cell) at +25°C/77°F temperature**

Minutes	1.85	1.80	1.75	1.70	1.67	1.65	1.63	1.60	1.55	1.50
2.0	495.0	563.8	633.5	702.1	741.9	767.6	792.5	828.0	881.0	924.7
5.0	361.6	397.3	430.1	458.9	473.7	482.4	490.2	499.8	510.3	513.5
10.0	256.9	275.7	292.0	305.2	311.4	314.7	317.4	320.2	321.5	324.8
15.0	202.8	215.1	225.4	233.4	237.0	238.8	240.2	241.4	243.9	246.3
30.0	128.4	133.8	138.2	141.5	142.8	143.5	143.9	144.2	145.6	147.1
45.0	95.6	98.8	101.4	103.3	104.1	104.5	104.8	104.9	106.0	107.0
60.0	76.7	78.9	80.7	82.0	82.6	82.9	83.1	83.2	84.0	84.9
120.0	43.8	44.7	45.4	46.0	46.3	46.4	46.6	46.7	46.8	47.2
180.0	31.1	31.6	32.1	32.5	32.6	32.8	32.9	33.0	33.1	33.2
240.0	24.3	24.6	25.0	25.3	25.4	25.5	25.6	25.7	25.8	25.9
300.0	19.9	20.2	20.5	20.8	20.9	21.0	21.0	21.1	21.3	21.3
600.0	10.8	11.0	11.0	11.3	11.3	11.4	11.4	11.4	11.5	11.5
1200.0	5.8	5.9	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.3