





















Aerospace and Defense



*Energy Storage Solutions
for a World
on the Move*

Application	Part No.	NSN	Weight	L x W x H (in)	Specification	Capacity
 H-53 & EA-6B Prowler	F0774-3009	6140-01-474-6576	6.8 lbs	8.5 x 4.0 x 3.8	MIL D8565/1-2	1.5 Ah at (C1)
 F-18 Hornet	0774-3005	6140-01-131-8104	26.0 lbs	6.7 x 11.5 x 5.8	MIL D8565/4-1	7.5 Ah at (C1)
 C130 (Elcon Connector)	F0777-3021	6140-01-266-1633	80.2 lbs	9.8 x 10.0 x 10.3	MIL D8565/5-1	30 Ah at (C1)
 C130 (Cannon Connector)	F0777-3022	6140-01-266-1634	80.2 lbs	9.8 x 10.0 x 10.3	MIL D8565/5-2	30 Ah at (C1)
 Apache	F0810-0501	6140-01-267-9594	6.4 lbs	6.8 x 7.0 x 3.3	MIL D8565/6-1	1.5 Ah at (C1)
 AV8B Harrier & V-22 Osprey	F0774-3010	6140-01-422-0006	64.0 lbs	11.6 x 11.7 x 9.1	MIL D8565/7-2	24 Ah at (C1)
 Blackhawk & Chinook	F0769-6030	6140-01-286-6294	34.8 lbs	7.8 x 8.4 x 7.8	MIL D8565/11-1	10 Ah at (C1)
 F-4, F-5, T-38	F0791-8010	6140-01-420-8988	41.2 lbs	13.9 x 7.1 x 6.5	MIL D8565/14-1	15 Ah at (C1)
 F-18 Hornet E/F	F0777-3020	6140-01-399-6835	90.0 lbs	9.9 x 11.0 x 10.4	MIL D8565/15-1	35 Ah at (C1)
 KC135 & C-130J	F0772-3005	6140-01-498-2223	14.6 lbs	9.3 x 7.7 x 4.6	MIL D8565/16-1	5 Ah at (C1)
 UH-60/UH-60M & Blackhawk	9750-0740	6140-99-778-1749	42.0 lbs	12.5 x 9.6 x 6.4		18Ah at (C1)
 T-45 Hawk & U2	9750S0746	6140-01-458-4863	50.0 lbs	11.7 x 12.1 x 6.4		15Ah at (C1)
 F-16 Pre-Block 40	9750S0788	6140-01-492-0227	50.0 lbs	11.2 x 10.4 x 6.4		17Ah at (C1)
 F-16 Post-Block 40/50	9750S0775	6140-01-417-3244	48.0 lbs	10.3 x 10.8 x 6.5		15Ah at (C1)
 B1B	F0777-3023	6140-01-520-6830	90.0 lbs	11.8 x 11.5 x 10.2		35 Ah at (C1)
 B-52	F0774-3012	6140-01-HS1-7599	64.0 lbs	11.8 x 9.8 x 8.6		25 Ah at (C1)
 HU25	F0773-3007	6140-01-527-4592	49.0 lbs	12.2 x 12.0 x 6.4		18Ah at (C1)
 OH-58 A/C & COBRA						

The Hawker® Battery Advantages:

- Shipped from the factory fully charged
- Inspection-free, commissioning ready storage life of two years when stored at or under 25°C / 77°F
- Completely sealed and virtually maintenance-free
- Thermal sensors not required
- Thin Plate Pure Lead grids provide longer operational life
- Recovers from deep discharge
- Altitude rating: -15,000 to +70,000 ft. / -4,572 to +21,336 m
- Operating temperature range: -40°C to +71°C / -40°F to +160°F

For information on military aviation batteries, contact us at:
610.208.1991 or www.enersys.com/defense

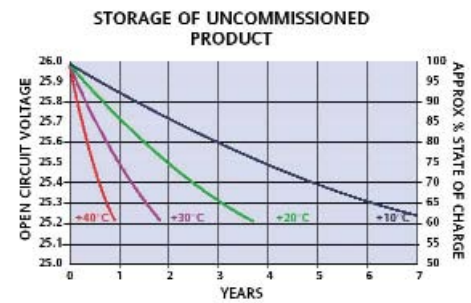
24 Volt General Aviation Batteries



Application	Part No.	NSN	Weight	L x W x H (in)	Capacity
Boeing 777	9750B0818		14.5 lbs	3.5 x 12.8 x 4.5	5 Ah at (C1)
CRJ & ATR 42/72	9750W0350		48.0 lbs	12.8 x 6.5 x 8.3	18 Ah at (C1)
Eclipse 500	F0773-3005		43.3 lbs	11.5 x 7.8 x 6.4	22 Ah at (C1)
BAe 146, Hawker HS 125 – 900XP (includes 750), EH101	9750W0640	6140-01-497-2438	59.5 lbs	11.9 x 9.5 x 8.9	25 Ah at (C1)
Cessna	9750W0360		60.0 lbs	11.6 x 9.5 x 8.5	28 Ah at (C1)
Cessna 208, Pilatus PC, G II, GIII, ATR 42/72, Challenger 600/601, MU-2B-36, -36A, -60	9750W0538	6140-01-497-2436	83.8 lbs	11.1 x 12.0 x 10.4	40 Ah at (C1)
CRJ, Cessna 500 Series, Citation Series, DHC-8/Q Series, Falcon 2000, King Air Series	9750W0370		91.0 lbs	11.3 x 11.8 x 10.7	43 Ah at (C1)
Gulfstream 450	9750W0380		89.0 lbs	13.2 x 10.2 x 10.2	45 Ah at (C1)
Dassault Falcon 7X	9750W0390		55.1 lbs	12.4 x 8.3 x 8.9	25 Ah at (C1)

All Hawker® aviation batteries are classified as non-spillable and unrestricted for land, sea or air transportation per US D.O.T. Regulation 49 C.F.R. Section 173.159 paragraph d when correctly packaged. These batteries need very little maintenance, have no memory effect, and do not suffer fading. Depending on application, operation and use, these batteries can last up to 5 years, allowing a fit-and-forget installation. Maintenance, when required, is simple and quick; only visual inspection and a capacity test are needed. A dedicated lead-acid battery shop is not required, as the batteries can be serviced in an existing Ni-Cd battery shop.










Battery Power Curves




General and Commercial Aviation batteries distributed by Securaplane Technologies, Inc.

For information on general/commercial aviation batteries, contact Securaplane at:
800.279.7327 or www.securaplane.com

12 Volt Tactical Vehicle Batteries

Application	Part No.	NSN	Weight L x W x H (in)	Model Capacity
 Construction Equipment/ Tactical Trucks (Group 31)	0790-2410		78.0 lbs	MIL PC 2150
		6140-01-520-7112	13.0 x 6.8 x 9.4	100 Ah at (C20)
 Construction Equipment/ Tactical Trucks (Group 65)	65-PC1750	NSN in Process	58.0 lbs	MIL PC 1750
			11.8 x 7.2 x 7.4	72 Ah at (C20)
 Construction Equipment/ Tactical Trucks	0771-4010		60.9 lbs	MIL PC 1700
		6140-01-484-5373	13.0 x 6.7 x 6.9	68 Ah at (C20)
 Construction Equipment/ Tactical Trucks (Group 34/78)	0785-2025	NSN in Process	52.9 lbs	MIL PC 1500
			10.9 x 7.0 x 7.8	68 Ah at (C20)
 Generators/Utility Equipment	0766-4015		38.2 lbs	MIL PC 1200
		6140-01-484-5349	7.9 x 6.7 x 6.8	42 Ah at (C20)
 Generators/Utility Equipment/ATVs	0765-4010		26.0 lbs	MIL PC 925
		6140-01-484-5352	6.6 x 7.0 x 5.0	30 Ah at (C20)
 Auxiliary Equipment/ATVs	0769-4010		15.4 lbs	MIL PC 680
		6140-01-484-5343	7.3 x 3.1 x 6.7	16 Ah at (C20)
 Auxiliary Equipment/ATVs	0768-4010		13.2 lbs	MIL PC 625
		6140-01-484-5376	6.7 x 3.9 x 6.9	17 Ah at (C20)
 Auxiliary Equipment/ATVs	0770-4010		12.6 lbs	MIL PC 545
		6140-01-484-5341	7.0 x 3.4 x 5.2	13 Ah at (C20)

24 Volt

Application	Part No.	NSN	Weight L x W x H (in)	Model Capacity
 US Navy MK 38 Gun	0774-3003		64.8 lbs	MK 38 Gun Battery
		6140-01-501-5933	9.5 x 10.8 x 10.7	45 Ah at (C20) (25Ah/C1)

HAWKER® MIL PC AGM Batteries

Quite Possibly The World's Best AGM Batteries

Sized for a wide range of uses:

- Tactical Vehicles
- Construction Equipment
- Auxiliary Equipment
- Tactical Generators
- Non-tactical Trucks
- All Terrain Vehicles (ATVs)
- Controlled Remote Weapon Stations
- Renewable Energy Storage

Built with the following advantages:

- High starting power
- Ready for immediate use
- Sealed - maintenance free
- Longer life/Deep cycle
- Environmentally safe
- Deep reserve capacity
- Air transportable/Non-spillable

The Hawker® MIL PC AGM batteries are sized for a wide range of military vehicles and auxiliary equipment. The unique Thin Plate Pure Lead (TPPL) technology of Hawker batteries provides virtually maintenance free operation, longer life, deep cycle capability, vibration resistance, higher starting power, and high reliability.

For information on tactical vehicle batteries, contact us at:
877.485.1472 or www.hawkerplus.com

Quite Possibly The World's Best Battery
For Combat and Tactical Vehicles

ARMASAFE™ plus



COMPARISON OF BATTERY SPECIFICATIONS

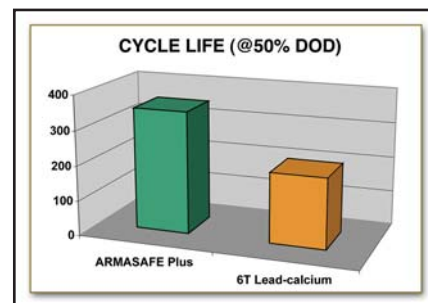
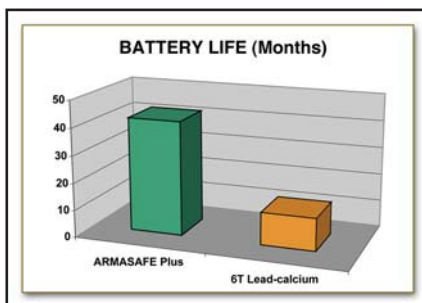
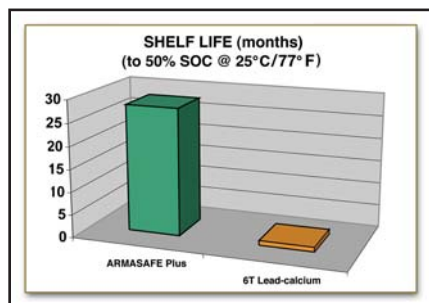
ARMASAFE™ plus /6TAGM	ORDINARY MILITARY LEAD CALCIUM BATTERIES/6TMF
<ul style="list-style-type: none"> • 12 Volts • CCA - 1225 • Reserve capacity - 240 mins • Capacity - 120 Ah C₂₀ • Usable reserve - 70% DoD • Shelf life 30 months @ 25°C/77°F • Battery type - lead acid • Technology - VRLA-AGM*, TPPL* • Cycle life - 360 • Life (cradle to grave) - 48-54 months • Internal resistance - 0.002 Ohms • Transport class - Non-spillable • Weight - 88 pounds (40kg) • Size - NATO 6T • Deep cycle life - 120 	<ul style="list-style-type: none"> • 12 Volts • CCA - 725 • Reserve capacity - 200 mins • Capacity - 120 Ah C₂₀ • Usable reserve - 30% DoD • Shelf life 3 months • Battery type - lead acid • Technology - Flooded, lead calcium • Cycle life - 235 • Life (cradle to grave) - 13 months • Internal resistance - 0.009 Ohms • Transport class - Hazardous • Weight - 75 pounds (34kg) • Size - NATO 6T

NSN 6140-01-485-1472
P/N 9750N7025

- High starting power
- Long shelf life
- Maintenance free
- Longer life
- Environmentally safe
- Lower life-cycle cost
- Deep reserve capacity
- Air transportable

*VRLA - Valve Regulated Lead Acid
*AGM - Absorbed Glass Mat
*TPPL - Thin Plate Pure Lead

Qualified/tested to: MIL-PRF-32143



For information on the 6TAGM battery, contact us at:
877.485.1472 • www.hawkeraplus.com

SUBMARINE BATTERIES



P/N 2HES4000 / C Cell

EnerSys® offers a wide range of technologies to meet the varying demands and challenges faced by navies, whether near their home port or deep at sea. We supply sealed valve regulated lead acid AGM, flooded lead acid, and tubular/gel batteries for multiple submarine platforms.

EnerSys® is qualified to supply batteries to all four classes of the U.S. Navy submarines.

Qualified/tested to: MIL-PRF-32273

For information on submarine batteries, contact us at:
610.208.1991 • www.enersys.com/defense

POWER/FULL SOLUTIONS FOR A GLOBAL MARKETPLACE

EnerSys® is a U.S. owned global corporation with its headquarters located in Reading, PA, USA. With manufacturing facilities strategically located in North America, Europe, and Asia, a strong global sales and support team, and a reputation for world-leading technology, we ensure that our customers will have a reliable supply of high-quality products. We are committed to delivering the best solutions for your aerospace and defense needs.

Our extensive aerospace and defense product range supplies power to a variety of military aviation, general/commercial aviation, tactical vehicles, ships, submarines, and smart weapons applications. Armed forces throughout the world use EnerSys batteries in TPPL, NiCd, lithium and lithium-ion technologies. By combining world-wide manufacturing locations and various battery technologies, EnerSys has reinforced its position as a leader for the supply of all applications in Aerospace and Defense.

VISION - Our vision at EnerSys is to be the global leader in our chosen markets for stored energy solutions by providing extraordinary CUSTOMER service and meeting or exceeding our CUSTOMERS' expectations 100% of the time. We shall be the best in the industry by being easy to do business with, while supplying the highest quality products and services on time and in the most cost-effective manner. We will do this in a culture that demonstrates respect for our CUSTOMERS, our fellow associates, our suppliers and our communities while focusing upon maximizing shareholder value.

EXPERIENCE – With over one hundred years experience in battery manufacturing, it is little wonder EnerSys is the global leader in energy storage. Our reputation for superior quality products and innovative technology is the reason EnerSys is the undisputed first choice worldwide.

SOLUTIONS - EnerSys does more than just supply batteries; it offers integrated energy storage solutions to customers in the commercial arena and the armed forces around the world. EnerSys works in close partnership with its customers to provide complete stored energy solutions.



Aerospace & Defense

2366 Bernville Road • Reading, PA 19605, USA • Tel. 610-208-1991 • Fax 610-208-1630
email: aerodefense.sales@enersys.com • www.enersys.com/defense

These batteries and associated products may be 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 require 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.

©2010 EnerSys. All rights reserved. Trademarks and logos are the property of EnerSys and its affiliates unless otherwise noted. Subject to revisions without prior notice. E.&O.E. EnerSys is ISO 9001:2008 and ISO 14001:2004 registered.