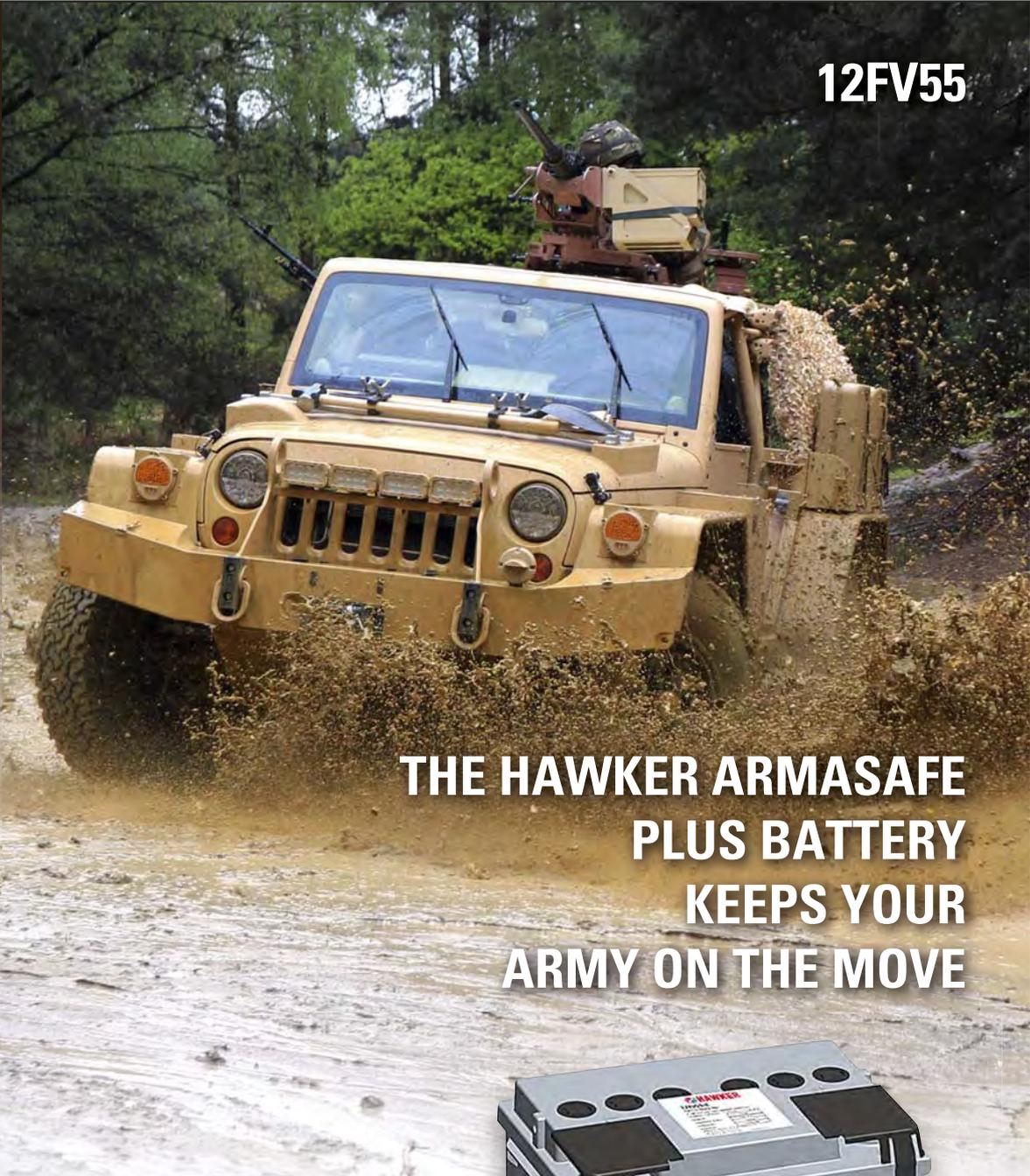




Maintenance-free
AGM TPPL
Rechargeable VRLA
battery for military
applications

12FV55



THE HAWKER ARMASAFE
PLUS BATTERY
KEEPS YOUR
ARMY ON THE MOVE

ARMASAFE
plus



The **ARMASAFE Plus** series utilises the proven EnerSys® Thin Plate Pure Lead valve regulated technology, to meet the diverse and demanding energy storage needs of the modern world. Today over 2 million batteries have been installed on a wide range of combat and tactical vehicles throughout the world.

EnerSys TPPL technology packs more power into the same space as a conventional battery, as well as reducing the corrosion and water losses through the purity of the materials used in construction, providing extended storage and service life as well as increasing the resistance to abusive deep discharges.

The inherent design of the VRLA Armasafe battery minimises gas evolution and eliminates the need to top up periodically with water. The electrolyte is fully absorbed into the glass mat separators between the positive and negative plates, which mean there is no free acid within the battery case; this gives increased flexibility in mounting position.



12FV55-C Part Number: 9750N7049

12FV55-B Part Number: 9750N7054



SPECIFICATIONS:

Technical Data:

| | |
|-------------------------------------|----------------------|
| Technology | *TPPL / *AGM / *VRLA |
| Nominal Voltage | 12 V |
| Charging Voltage | 14.4 V @ 20°C |
| Float Voltage | 13.74 V @ 20°C |
| Nominal Capacity C ₂₀ | 55 Ah |
| CCA (EN) | 440 A |
| Internal Resistance | 4 mΩ |
| Temperature Performance Range | -40°C to +80°C |
| Cycle life at 20% of *DoD | 3500 |
| Cycle life at 50% of *DoD | 1650 |
| Cycle life at 80% of *DoD | 680 |
| Weight | 17.9 kg |
| Storage at 25°C without recharge | 30 Months |
| Flame Retardancy | UL94 - V0 |
| Terminals | EN50342-2 |

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

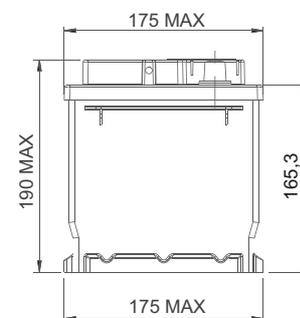
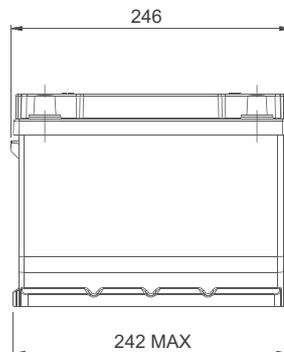
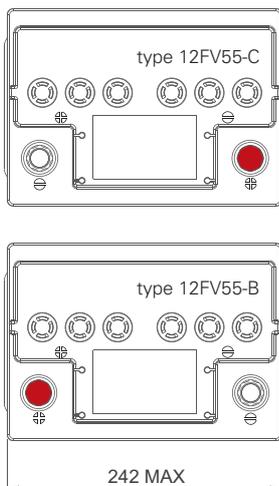
*DoD: Depth of Discharge
*CCA: Cold Cranking Amps

Features & Benefits:

Designed in compliance with
EN 50342

- Installation orientation:
can be mounted in any orientation
except inverted
- Recombination efficiency 99%
- Integrated flame arresters -
Protection against flame transmission
- UN Transportation classification
UN2800-Class 8 exempt
- 97% Recyclability
- Flame retardant
- Shock resistant
- Maintenance-free
- Long shelf life
- Resistant to abusive discharges
- Superior cold cranking performance
- Excellent cyclic capability
- Superb charge acceptance

Dimensions:



Energys_ArmaSafe_Plus_12FV55_Mar-2014_V01_EN



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