

Discover™



› **Indoors**



› **Out Back**



› **Offshore**



› **On Duty**



Discover™

the difference.

DiscoverTM

the difference.

DiscoverTM the difference:

- 100% maintenance free. Never need to check electrolyte levels. Industry leading size options to cover all deep cycle and scrubber battery sizes
- Sealed recombinant construction eliminates spills, gases and terminal corrosion
- Deep discharge and vibration protection
- Non-spillable by ICAO, IATA and DOT standards eliminating transportation restrictions
- Vision GuardTM and Vision MaxTM separators and oxides deliver maximum durability and life
- DiscoverTM chargers specifically designed to support DiscoverTM batteries

DiscoverTM Freedom from:

- Maintenance related battery failures
- Acid and hazardous material handling and reporting
- Noxious smells and explosive gases
- Employee injuries and damaged clothing
- Workers compensation and occupational health claims
- Shipping restrictions
- Installation and orientation restrictions
- Incompatibility with sensitive electronic equipment

DiscoverTM the Freedom to:

Install a sealed and maintenance free DiscoverTM Gel or advanced AGM replacement without modifying your battery compartments or your performance requirements.

DiscoverTM

Professional series EV advanced AGM and Gel batteries, designed and engineered for freedom and dependability. ISO, UL, QS, TUV and EU approved sealed valve regulated batteries for every application. For a specialist near you call 1-888-AMP HOUR.

DiscoverTM Professional Series Batteries have the features and benefits that matter to your customers and you!



Advanced AGM and Gel

- Completely sealed valve regulated construction
- Flame arresting pressure regulated safety sealing valves for safety, operating pressure management and protection against atmospheric contamination (excess oxygen being absorbed by negative plates)
- Computer-aided 99.994% pure heavy-duty lead calcium grid designs
- Tank formed plates: guarantees evenly formed and capacity matched plates
- Discover™'s proprietary Vision Max® paste formula
- Anchored plate groups to guard against vibration
- Double insulating micro porous glass fiber separators in all advanced AGM types
 - Proprietary Vision Guard® separators promote reduced resistance, oxidation and smooth electron movement in all Gel types
- Measured and immobilized electrolyte
- Multi-step anti-stratification gelled electrolyte
- Vacuum filling and weighing processes
- Advanced technology for efficient gas recombination of up to 99.9% and freedom from electrolyte maintenance
- Wide range of operating temperatures (-40 F to 140 F) (-60 F to 160 F Gel)
- Low self discharge rates (approx. 1%-3% monthly at 68.F – 77.F)
- High impact reinforced strength copolymer polypropylene cases and flat top designed covers that are rugged and vibration resistant
- Thermally welded case to cover bonds that eliminate leakage
- Copper and stainless steel alloy terminals and hardware
- Multi-terminal options
- Terminal protectors
- Removable carrying handles
- Industry leading size and performance options
- Classified as “NON-SPILLABLE BATTERY” not restricted for air (IATA/ICAO) provision 67, surface (DOT-CFR-HMR49) or water (Classified as non-hazardous per IMDG amendment 27) transportation
- Can be used in any orientation – upside down is not recommended – should not be charged up side down
- Compatible with sensitive electronic equipment
- Quality assurance processes with ISO (4400/992579), QS and TUV certification EMC tested, CE, ETTS Germany (G4M19906-9202-E-16)
 - UL recognized components (MH29050)



A SMARTER CHARGER

Connect and forget advanced technology chargers for industrial and commercial applications. Specifically designed and matched to the Discover™ line of deep cycle Gel, advanced AGM and flooded batteries. Chargers are equipped with 3 separate charging algorithms that can be selected by the user depending upon the type of battery being charged. Selection includes Gel, AGM and Flooded. Chargers are equipped with built in temperature adjusted charge levels and 4 stage constant current, constant voltage, and float/monitor algorithms.

Chargers are shipped with positive and negative terminals ready for your specific cabling requirements. 36V and 48V 50 amp chargers are shipped with power cables but no 220V plug. The plug is to be supplied by the purchaser based on their specific requirements. Instructions are supplied. Input voltages and powercords are available for all continents.



Discover™

the difference.

Discover™ product lines are proud to bear these certification marks:



Discover™ Representative