

Total Solutions System
DEEP CYCLE BATTERIES



WINNER[®]
BATTERY

WINNER is a superior quality product line representing the "Total Solutions System" for a wide range of battery applications. Product characteristics include complete series with high reliability, long life and modern design. The **WINNER "Solar Total Solution"** is built to specifically cover the needs of Renewable Energy Sources applications.

It includes series with all lead technologies, from Absorbent Glass Mat (AGM) Valve Regulated to Gel technology and the Flooded lead acid traditional reliability as well. All series are produced with high quality raw materials, have excellent durability under cyclic use conditions and successfully cover the energy needs of these high demand applications.

AGM TECHNOLOGY

NEPTUNE

- 2V AGM cells – up to 3000 Ah range – 1.070 cycles at 50% D.O.D
- Stationary Heavy Duty AGM rechargeable cells
 - Superior performance characteristics
 - High pressure of plates group
 - Excellent deep cycle performance



GEL TECHNOLOGY

HELIOS

- 2/12V GEL OPzV cells and blocks – 62Ah up to 3880 Ah range – 3000 cycles at 50% D.O.D
- Deep cycle OPzV series for Renewable Energy applications
 - Excellent performance in cyclic use and in P.S.O.C conditions
 - IEC 61427 compliance
 - Suitable for hot climate use
 - Modular and easy installation design
 - EUROBAT classification "Long Life" 12+ years



GEL TECHNOLOGY

HERCULES

- 12V GEL blocks – 33Ah up to 200Ah range – 1400 cycles at 50% D.O.D
- Pure GEL technology VRLA rechargeable blocks
 - Anti explosion valve construction with low pressure design
 - Heavy Duty design - IEC 61427 compliance
 - High temperature tolerance (up to 55°C)



FLA TECHNOLOGY

HELIOS

- 2/6/12V GEL OPzS cells and blocks – 75Ah up to 4630Ah range – 3000 cycles at 50% D.O.D
- Deep cycle OPzS series for Renewable Energy applications
 - Excellent performance in cyclic use and in P.S.O.C conditions
 - IEC 61427 compliance
 - Minimal maintenance required
 - High temperature resistant operation



PROTEUS

- 2/6/12V AGM blocks and cells – up to 3000 Ah range – 850 cycles at 50% D.O.D
- Deep cycle VRLA AGM rechargeable series
 - Excellent cyclic & anti-vibration performance
 - High specific energy design with high purity materials
 - 100% recovery after over-discharging
 - Advanced deep cycle performance



ZEUS

- 2/12V GEL cells & blocks – 50Ah up to 3000Ah range – 2.500 cycles at 50% D.O.D
- OPzV VRLA Heavy Duty Gel maintenance-free series
 - Superior high current discharge performance
 - Better charge reception capability & high temperature performance
 - Modular and easy installation design at any position
 - EUROBAT classification "Long Life" 12+ years
 - Specifications according to DIN 40742, 40744, IEC 60896



MERCURY

- 2/6/12V GEL blocks and cells – up to 3000Ah range – 1100 cycles at 50% D.O.D
- High performance rechargeable GEL series
 - Superior characteristics of very low self-discharge
 - Heavy duty design – IEC 61427 compliance
 - Deep discharge recovery - ABS battery case



SOLAR

- 6/8/12V batteries – 80Ah up to 430Ah range – 600 up to 1500 cycles at 50% D.O.D
- Lead acid cycle resistance range
 - Semi traction with flat plate design
 - Deep cycle with American traction plate design
 - Deep cycle with Tubular plate design
 - Plates of increased thickness with higher corrosion resistance



AJAX

- 2/6/12V OPzS blocks and cells – 50Ah up to 3000Ah range – 2.500 cycles at 50% D.O.D
- High endurance OPzS Heavy Duty single series
 - Design floating service life of 18 years at 25°C
 - Superior high current discharge performance
 - Excellent deep cycle recovery
 - Minimum maintenance
 - Specifications according to EN 60896, DIN 40736, 40737

APOLLO

- 6/8/12V AGM series – up to 260 Ah range – 550 cycles at 50% D.O.D
- Sealed lead acid rechargeable AGM batteries
 - For General use both for cyclic and stand by
 - High purity material - Low self-discharge
 - Designed service life: 10 years





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