

# **2V/1050AH WERBAT OPzV -GP SEALED INDUSTRIAL DEEP CYCLE BATTERY TECHNICAL SPECIFICATIONS**

**SEALED MAINTENANCE FREE DEEP CYCLE BATTERIES WITH DRYFIT TECHNOLOGY.**

**INDUSTRIAL DEEP CYCLE.**

**EXCELLENT HIGH CURRENT CAPABILITY.**

**UP TO 2,400 CYCLES AT 70% DOD.**

**LOW SELF DISCHARGE.**

**ENHANCED PLATE LENGTH FOR HIGH POWER DENSITY.**

**25 YEARS DESIGN/RATED LIFE.**

**ELECTROLYTE – 1.310 SPECIFIC GRAVITY ACID (NOMINAL).**

**SAFETY VENT – 3-10 PSI OPENING PRESSURE, SELF-RESEALING.**

**TERMINALS – SOLID COPPER INSERT.**

**POSITIVE PLATE – PATENTED LEAD CALCIUM TIN SILVER ALLOY.**

**NEGATIVE PLATE – LEAD CALCIUM GRID ALLOY.**

**25 YEARS DESIGN LIFE IN FLOAT APPLICATIONS AT 25°C (77°F).**

**OPERATING TEMPERATURE – TEMPERATURE EXCURSIONS BETWEEN -40°C (-40°F) TO +50°C (122°F) ALLOWED (BATTERY PERFORMANCE AND LIFE WILL BE AFFECTED).**

**SELF-DISCHARGE – 0.5 TO 1% PER WEEK MAXIMUM @ 25°C (77°F).**

**FLOAT VOLTAGE – 2.23 TO 2.27 VPC.**

**CONTAINER AND COVER – POLYPROPYLENE IS STANDARD.**

**FLAME RETARDANT, UL94 V-0/28% L.O.I. IS OPTIONAL.**

**APPLICATION: SOLAR PV POWER SYSTEMS, TELECOMMUNICATIONS, UNINTERRUPTIBLE POWER SYSTEMS, SWITCHGEAR AND CONTROL, RAILROAD SIGNAL AND COMMUNICATION.**