

CELLYTE – 2ETG (OpzV)

VALVE REGULATED STATIONARY BATTERIES

LIMITED WARRANTY

TWO YEAR WARRANTY

SEC Industrial Battery Company (SEC) guarantees to the original user that SEC **CELLYTE 2ETG (OpzV)** Valve Regulated Stationary gelled electrolyte 2 volt cells / batteries will perform as per published DIN ratings and will be free from defects in material or workmanship for 27 (twenty seven) months after date of shipment or 24 (twenty four) months after date of installation, whichever is less. The batteries shall be stored at 20° C. or below. User shall promptly (within 14 days) report any alleged defects to SEC and permit examination by the service personnel. If SEC finds the batteries to be defective as a result of material or workmanship, SEC may at its discretion, either repair the batteries or provide a replacement, ex factory without charge.

CONDITIONS FOR TWO YEAR WARRANTY

The batteries shall only be used in continuous float service at 20C and be operated and maintained in accordance with SEC's Installation and Operating Instructions as provided with the battery. Battery records at the time of installation and at least twice per year shall be kept with the battery for examination by SEC personnel. The rectifier shall be temperature compensated and be able to sustain the system voltage within +/- 0.01 Vpc of the specified level at all times with records being kept at least twice per year.

The required battery float voltage levels are as listed below:-

- 1) Charging voltage and temperature +/- 0.01 volts per cell :

Temperature	Float Voltage
15°C	2.25 vpc
20°C	2.23 vpc
25°C	2.21 vpc
30°C	2.19 vpc
35°C	2.18 vpc

- 2) When operated at these voltages an equalisation charge is not necessary. The battery can be recharged at 2.35 vpc for 12 to 24 hours maximum to accomplish recharge from any known discharge.
- 3) Periodic equalisation will be required if batteries are floated at lower than recommended float voltages.
Float charge voltage should never be allowed to exceed 2.40 vpc .
- 4) Temperature spread between cells shall not exceed 3 degrees Celsius.
- 5) The 2 (two) year battery warranty period shall be adjusted based on actual operating conditions such as temperature and frequency of discharge as published by SEC. The Warranty period will be reduced by 25% for every 4°C increase in operating temperature above 20° C the base temperature.
- 6) Registration, Installation, full details of Rectifiers and periodic operation and maintenance records, at time of installation* and at least every 6 (six) months thereafter, are to be maintained by the user for submission to SEC as required to support any warranty adjustment claims, which must be made within 14 (fourteen) days of failure.
*These records must be sent to SEC within 3 months of Installation date.
- 7) This warranty is non transferable.
- 8) This warranty does not cover any physical damage due to nature or man, which stress the battery beyond the design limits, or if the manufacturing date codes are destroyed or the batteries tampered with.

SEC will either repair or replace any batteries it determines to be defective in accordance with the terms of this warranty. In no event shall user return cells / batteries to SEC without SEC's prior written authorisation.

LIMITATIONS ON WARRANTY

The 2 (two) year warranty as to performance, material and workmanship are in lieu of all other warranties, expressed or implied including any warranty of merchantability or fitness for a particular purpose. In no event shall SEC be liable for any special, incidental, or consequential damages.

SEC Industrial Battery Company

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