



G3R12

TECHNICAL SPECIFICATION FOR ZINC MANGANESE DIOXIDE BATTERY

DATE: 9/15/2005

SPEC. NO.: ES-G3R12

REVISION: 2005C

GOLDEN POWER CORPORATION (HK) LTD.

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The Manufacturer reserves the right to modify product specification and data stated herein without prior notice

8. Marking

The following markings will be printed, stamped or impressed on the body of the battery:

- (1) Designation : G3R12
- (2) Manufacturer's name or abbreviation **"Golden Power Logo"**
- (3) Polarity: "+" or "-"
- (3) Warning: Battery may explode or leak if recharged or disposed of in fire

9. Caution for use

- (1) Since the battery is not manufactured for recharging, there are risks of electrolyte leakage or causing damage to the device if the battery is charged.
- (2) The battery shall be installed with its "+" and "-" polarity in correct position, otherwise may cause short-circuit.
- (3) Short-circuiting, heating, disposing of into fire and disassembling the battery are prohibited.
- (4) Battery cannot be forced discharged, which lead to excess gassing and, may result in bulging, leakage and de-crimping of cap.
- (5) New and used batteries cannot be used at the same time, when replaced batteries recommend to replace all and with the same brand type.
- (6) Exhausted batteries should be removed from compartment to prevent over-discharge, which cause leakage damage to the device.
- (7) Direct soldering is not allowed, which will damage the battery.
- (8) Battery should be kept out of the reach of children to prevent swallow, in case of accident should contact physician at once.

10. Shelf Life 1 years after delivery under proper storage conditions.
(Temperature: 20+/-2°C; Relative humidity: 65+/-20%RH)

11. Discharge Curves (Condition: Test temperature 20+/-2°C)

- Discharge Method: 20Ω 1 h/d (Ref to the Figure 1)
Discharge Method: 15Ω 24 h/d (Ref to the Figure 2)

12. Battery Structure and Dimension: Ref to Drawing DWG-S001

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Figure 1: G3R12 DISCHARGE CURVE

Discharge Method: 20 ohm; Period: 1 h/d

Temperature: 20+/-2°C

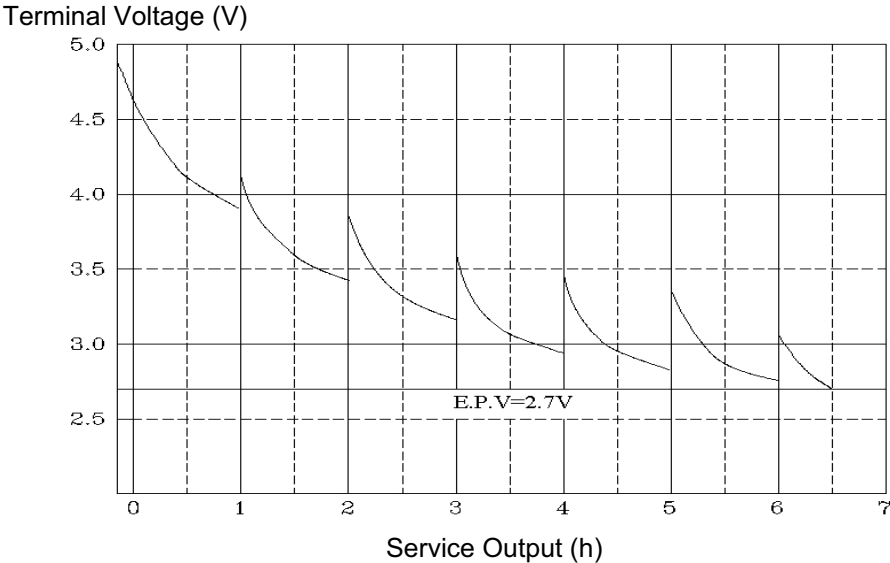
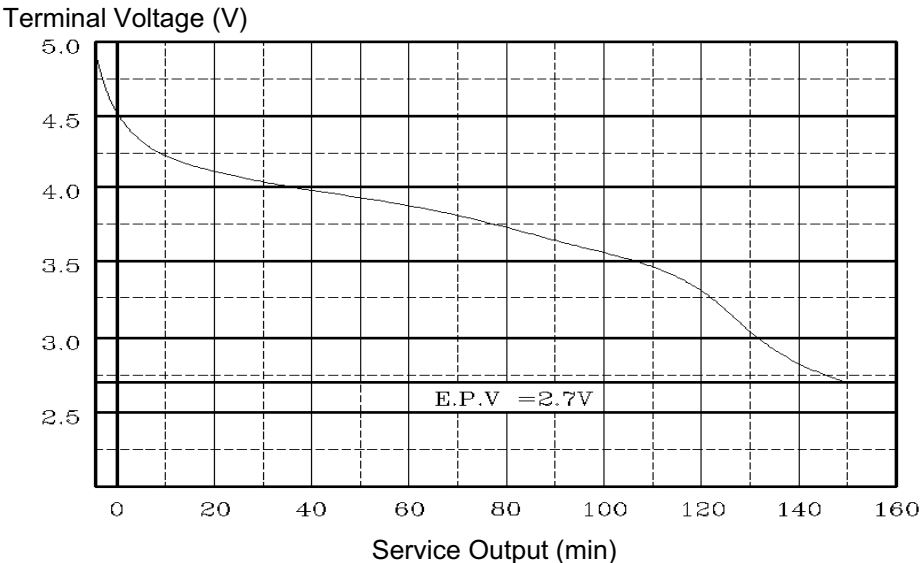


Figure 2: G3R12 DISCHARGE CURVE

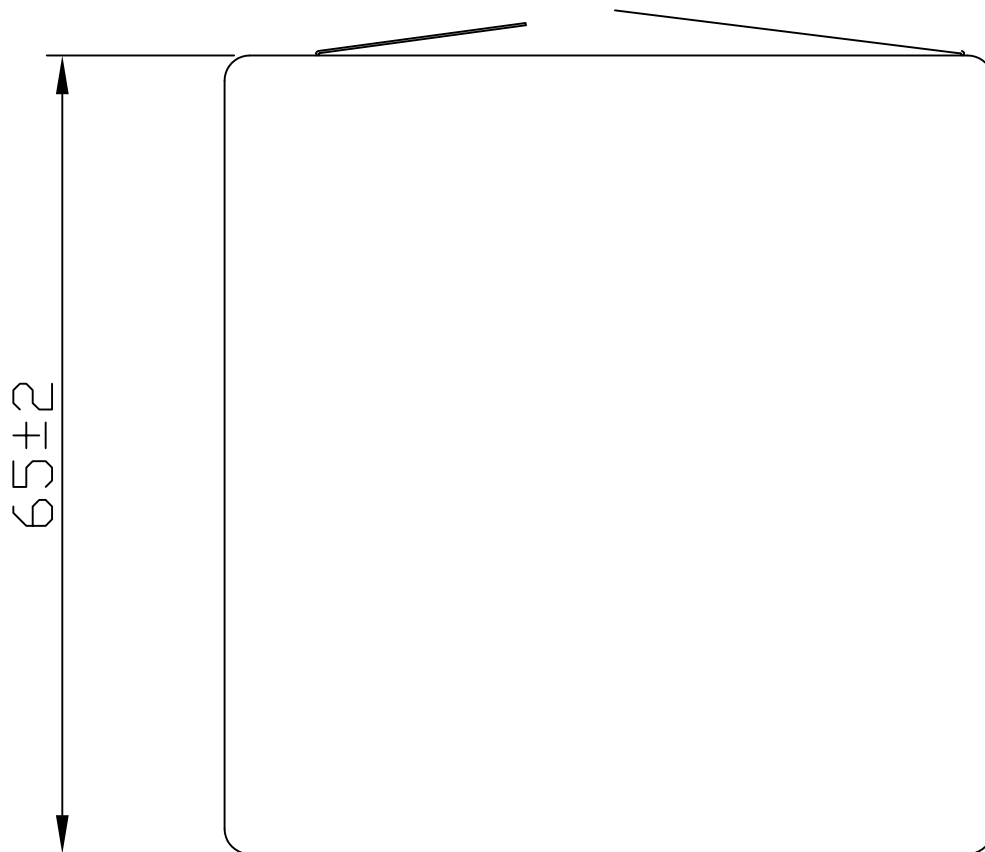
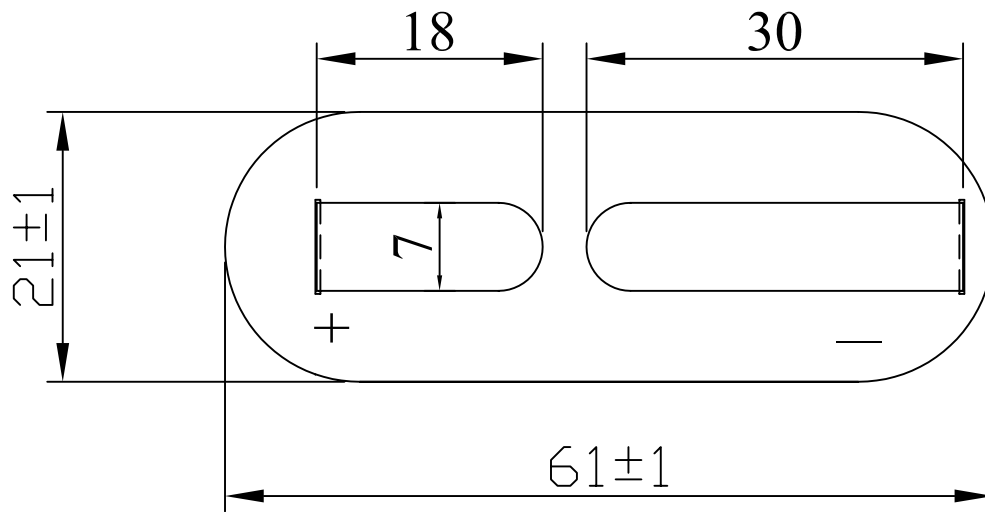
Discharge Method: 15 ohm; Period: 24 h/d

Temperature: 20+/-2°C



G3R12 BATTERY DIMENSION AND STRUCTURE

G3R12 電池外形及尺寸



GOLDEN POWER CORPORATION (HK) LTD.

金力企業(香港)有限公司

MODEL(型號): G3R12

DWG No.(圖號): DWG-S-001

SCALE(比例): NTS DIM(單位): mm

Approved by (審核):

DATE(日期): 15/9/05 DRAWN BY(繪制): Kelvin

Cecilia Chu

TOLERANCES (公差) LINEAR ± 1 3rd ANGLE PROJECTION
ANGULAR $\pm 1/4^\circ$ (第三角度視圖)