

# 6-DZF-22

**XUPAI®**  
XUPAI LONG LIFE ROAD CAR LEAD ACID BATTERY

## GENERAL FEATURES

Internal formation technology, alloy free of cadmium and arsenic, environmentally friendly. Reliable sealing structure, no leakage, no need for fluid maintenance. High specific energy and high specific efficiency, excellent large current discharge performance. Good charge acceptance performance, wide temperature range. Low self-discharge rate and long cycle life of deep charge and discharge.



## Product Applications



## Product Features

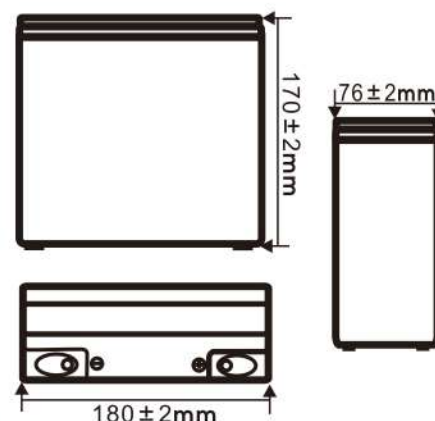


## Parameters

|                             |                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|
| Voltage(V)                  | 12                                                                                                             |
| 2hr capacity (AH)           | 22                                                                                                             |
| Dimension (±2mm)            | L(mm) 180<br>W(mm) 76<br>H(mm) 170<br>T/H(mm) 170                                                              |
| Weight(Kg)                  | 6.8 ±0.1kg                                                                                                     |
| Material of Shell           | ABS                                                                                                            |
| Max resistance(mΩ)          | ≤11                                                                                                            |
| Terminal                    | Copper                                                                                                         |
| Operating Temperature Range | Discharge: -35°C (-31°F)~50°C (122°F)<br>Charge: -15°C (5°F)~40°C (104°F)<br>Storage: -15°C (5°F)~40°C (104°F) |

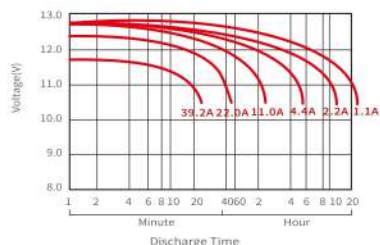
|                                         |                                                                                                        |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------|
| Capacity≥(Ah,25°C)                      | 3hr(7.33A to 10.5V) 23<br>5hr(4.40A to 10.5V) 25<br>10hr(2.20A to 10.5V) 28<br>20hr(1.10A to 10.5V) 33 |
| Self dischargeRate (20°C)               | ≥85%/3month                                                                                            |
| Charging voltage(V)                     | Floating 13.5V~13.8V<br>cycling 14.4V~14.8V                                                            |
| discharge current(A)                    | 3.6 I <sub>2</sub>                                                                                     |
| charge current(A)                       | 0.15 C <sub>2</sub>                                                                                    |
| Terminal                                | φ9.8-M5                                                                                                |
| Residual capacity after self-discharge≥ | 30d 90%<br>60d 85%<br>90d 82%<br>180d 80%                                                              |

## OUTER DIMENSIONS

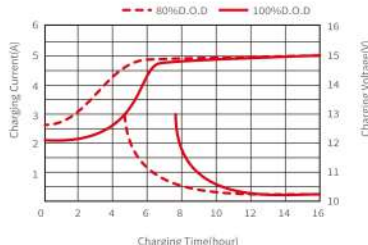


## BATTERY FEATURE

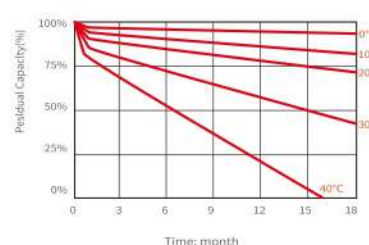
Discharge Characteristic Curves



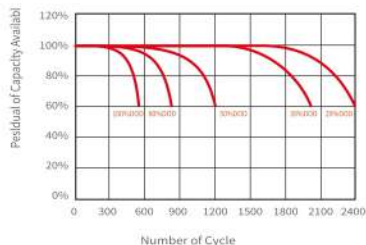
Constant Voltage Charging For Standby Use Batteries



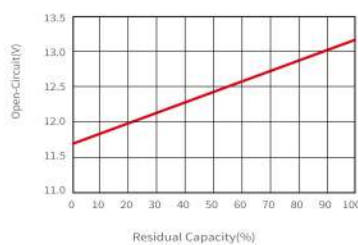
Self-Discharge Characteristics



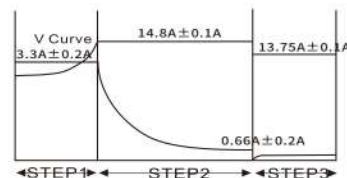
Cycle Service Life



Open-Circuit Voltage and Residual Capacity



A three-stage charging curve



The standard temperature for this charging process is 20°C. With the temperature going up or down, the voltage adjustment factor is  $\pm 0.018V/^\circ C$ .