

6-DZF-12

XUPAI®
XUPAI O NGL IFER OADC ARL EADA CIBD ATTARY

GENERAL FEATURES

Internal formation technology, alloy ree of admiuma nda rsenic, environmentally friendly. Reliable ealings tructure, n ol eakage, n on eedf orf luidm aintenance. Highs pecifice nergy and highs pecifice fficiency, excellent l arge c urrent discharge performance. Good charge acceptance performance, wide temperature range. Low self-discharge rate and long cycle life of deep charge and discharge.



Product Applications



E-scooter



E-Bike

Product Features



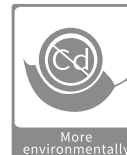
Longer life



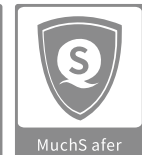
Run farther



More power



More environmentally



Much safer

Parameters

Voltage(V) 12

2hr capacity (Ah) 12

Dimension (±2mm)
L(mm) 151
W(mm) 100
H(mm) 97
T/H(mm) 101

Weight(Kg) 4.2±0.1kg

Material of Shell ABS

Max resistance(mΩ) ≤11

Terminal Copper

Operating Temperature Range

Discharge: -35°C (-31°F)~50°C (122°F)
Charge: -15°C (5°F)~40°C (104°F)
Storage: -15°C (5°F)~40°C (104°F)

Capacity ≥ (Ah, 25°C)
3hr (4.00At ±0.5V) 13
5hr (2.80At ±0.5V) 14.5
10hr (1.20At ±0.5V) 16
20hr (0.70At ±0.5V) 18

Self-discharge Rate (20 °C) ≥85%/3month

Charging voltage(V)
Floating 13.5V~13.8V
cycling 14.4V~14.8V

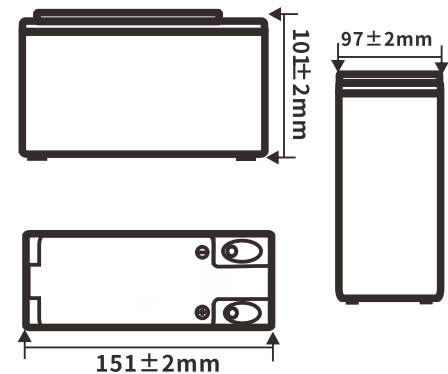
discharge current(A) 3.6 I₂

charge current(A) 0.15 C₂

Terminal φ8-M5

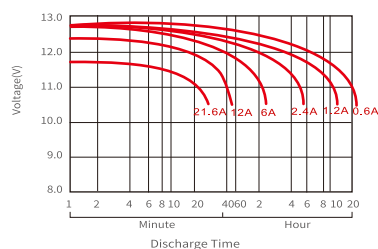
Residual capacity after self-discharge ≥
30d 90%
60d 85%
90d 82%
180d 80%

OUTER DIMENSIONS

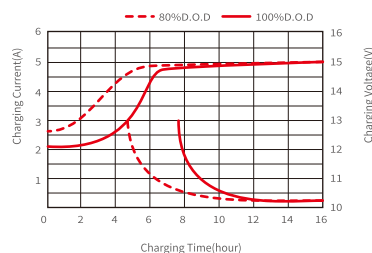


BATTERY FEATURE

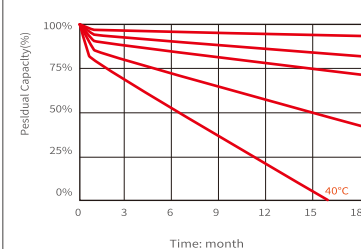
Discharge Characteristic Curves



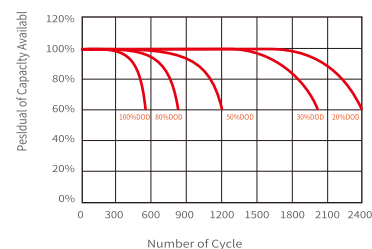
Constant Voltage Charging For Standby Use Batteries



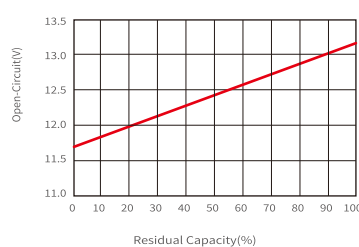
Self-Discharge Characteristics



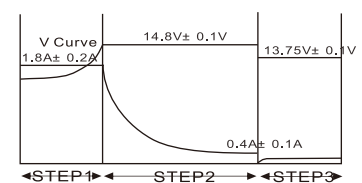
Cycle Service Life



Open-Circuit Voltage and Residual Capacity



A three-stage charging curve



This standard temperature of this charging process is 20°C. With the temperature going up or down, the voltage adjustment factor is ±0.018V/°C.