

## VALVE REGULATED RECHARGEABLE BATTERY

State-of-the-art technology

### OPzS Series:

#### SUMMARY:

OPzS Series battery is flooded lead acid battery, tubular positive plates design assures its high reliability and excellent electric performance. adopting transparent case design, allows user to observe the state of electrolyte clearly, and refill the distilled water in time. OPzS series battery is the best option for extremely harsh outdoor applications.

#### FEATURES:

Low-Maintenance with tubular positive plates  
Transparent case design  
Wide operation temperature(-20~60°C)  
Super excellent self-recovery performance  
Super long cyclic life

#### CONSTRUCTION:

Plates: Tubular Plates with die cast Pb-Sb alloy grid  
Separator: Microporous Rubber Separator  
Container: SAN&ABS  
Electrolyte: Diluted Sulphuric Acid(Gravity: 1.24±0.01g/cm<sup>3</sup>)  
Vent Cap: Prevent acid overflow during boost charge

#### ELECTRICAL PARAMETERS:

Float charge voltage(25°C): 2.23-2.25V  
Boost charge voltage(25°C): 2.40-2.45V  
Temperature compensation: -3mV/°C/cell(float), -4mV/°C/cell(cyclic)  
Max. charging current: 0.2CA

#### CONFORM TO

BS6290-4  
IEC60896-21/22  
IEC60156

#### APPLICATION:

Off-grid Solar/Wind System  
Uninterruptable Power Supply(UPS)  
Electric Power System (EPS)  
Emergency backup power supply  
Emergency lighting  
Data Center  
Oil and Gas  
Cable Television  
Medical Equipment  
Railway signal  
Aircraft signal  
Alarm and Security System  
Electronic equipment  
Communication Power Supply  
Auto control system



## Capacity Range:200-3000Ah

### General Specifications

Model	Voltage	Capacity	Dimension(mm)				Terminal	Weight
	(V)	(AH)	Length	Width	Height	Total Height		±4%(Kg)
OPzS2-200	2	200	103	206	355	390	T10	13.3
OPzS2-250	2	250	124	206	355	390	T10	15.8
OPzS2-300	2	300	145	206	355	390	T10	18.5
OPzS2-350	2	350	124	206	471	506	T10	21.5
OPzS2-420	2	420	145	206	471	506	T10	25.1
OPzS2-490	2	490	166	206	471	506	T10	28.9
OPzS2-600	2	600	145	206	646	681	T10	32.4
OPzS2-770	2	770	210	254	471	506	T10	45.4
OPzS2-800	2	800	191	210	646	681	T10	45.6
OPzS2-1000	2	1000	233	210	646	681	T10	55.8
OPzS2-1200	2	1200	275	210	646	681	T10	66.1
OPzS2-1500	2	1500	275	210	796	831	T10	83.5
OPzS2-2000	2	2000	399	214	772	807	T10	112.8
OPzS2-2500	2	2500	487	212	772	807	T10	140.4
OPzS2-3000	2	3000	576	212	772	807	T10	166.7