

VALVE REGULATED RECHARGEABLE BATTERY

State-of-the-art technology

BS/BS-G Series:

SUMMARY:

BS Series is 2V stationary battery, utilizing advanced AGM (absorbed glass mat) technology, with heavy duty grids and thicker plates, the designed service life is 20 years. Moreover, we supply BSG Series by utilizing GEL technology, which adopt PVC/PE separator, longer cyclic life than AGM battery, and better self-recovery capability after deep discharge, it is also good option for extreme temperature condition.

FEATURES:

Sealed & Maintenance-free
Safety Valve for Explosion-proof
Wide operation temperature
Long Service Life
Heavy duty & thicker plates

CONSTRUCTION:

Plates: Robust Pasted Plates(Pb/Ca/Sn alloy)
Separator: Microporous AGM for BS, PE for BS-G
Container: ABS
Electrolyte: Diluted Sulphuric Acid for BS,
Nano Gel for BS-G
Safety Valve: Rubber(EPDR), one way pressure release

ELECTRICAL PARAMETERS:

Float charge voltage(25 °C): BS: 2.27~2.30V; BS-G: 2.27~2.30V
Boost charge voltage(25 °C): BS: 2.43~2.47V, BS-G: 2.37~2.40V
Temperature compensation: -3mV/°C/cell(float), -4mV/°C/cell(cyclic)
Max. charging current: 0.2CA

CONFORM TO

BS6290-4
IEC60896-21/22
IEC61427
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
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)
BS2-200	2	200	171	111	366	366	T10	13.5
BS2-250	2	250	171	111	366	366	T10	16
BS2-300	2	300	171	150	365	365	T10	19
BS2-350	2	350	171	150	365	365	T10	21.5
BS2-400	2	400	211	176	329	367	T10	26
BS2-450	2	450	211	176	329	367	T10	28
BS2-500	2	500	242	172	329	366	T10	30.5
BS2-600	2	600	302	175	328	365	T10	37
BS2-650	2	650	302	175	328	365	T10	40
BS2-750	2	750	411	175	327	368	T10	46
BS2-800	2	800	411	175	327	368	T10	50
BS2-1000	2	1000	475	175	327	368	T10	62
BS2-1200	2	1200	475	175	327	368	T10	71
BS2-1500	2	1500	401	352	338	383	T10	96
BS2-1800	2	1800	401	352	338	383	T10	105
BS2-2000	2	2000	490	349	338	383	T10	126.5
BS2-2500	2	2500	490	349	338	383	T10	140
BS2-3000	2	3000	712	351	338	383	T10	193

BS2-200G	2	200	171	111	366	366	T10	14
BS2-250G	2	250	171	111	366	366	T10	17.5
BS2-300G	2	300	171	150	365	365	T10	19
BS2-350G	2	350	171	150	365	365	T10	24.5
BS2-400G	2	400	211	176	329	367	T10	26
BS2-450G	2	450	211	176	329	367	T10	29
BS2-500G	2	500	242	172	329	366	T10	30.5
BS2-600G	2	600	302	175	328	365	T10	37
BS2-650G	2	650	302	175	328	365	T10	40
BS2-750G	2	750	411	175	327	368	T10	46
BS2-800G	2	800	411	175	327	368	T10	50
BS2-1000G	2	1000	475	175	327	368	T10	62
BS2-1200G	2	1200	475	175	327	368	T10	74
BS2-1500G	2	1500	401	352	338	383	T10	96
BS2-2000G	2	2000	490	349	338	383	T10	126.5
BS2-2500G	2	2500	490	349	338	383	T10	171
BS2-3000G	2	3000	712	351	338	383	T10	193