BPS

Best Power Solution

VALVE REGULATED RECHARGEABLE BATTERY

State-of-the-art technology

BG Series:

SUMMARY:

BG Series battery utilizes GEL technology, with PVC/PE separator and flat pasted plates, with 12 years designed life, longer cyclic life and better self-recovery capability after frequent deep discharge than AGM battery, endure extreme temperature condition.

FEATURES:

Sealed & Maintenance-free
Safety Valve for Explosion-proof
Wide operation temperature
Excellent Self-recovery capability after deep discharge
Longer Cyclic Life
Flexible design for multiple installation position

CONSTRUCTION:

Plates: Pasted Plates(Pb/Ca/Sn alloy)
Separator: PE or PVC
Container: ABS
Electrolyte: Nano Gel
Safety Valve: Rubber(EPDR), one way pressure release

ELECTRICAL PARAMETERS:

Float charge voltage(25 ℃): 2.27~2.30V
Boost charge voltage(25 ℃): 2.37~2.40V
Temperature compensation: -3mV/ ℃/cell(float), -4mV/ ℃/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

BPS

Capacity Range:26-260Ah

General Specifications

Model	Voltage	Capacity	Dimension(mm)				Terminal	Weight
	(V)	(AH)	Length	Width	Height	Total Height		±4%(Kg)
BG6-100	6	100	194	170	205	210	T14	16.5
BG6-150	6	150	260	180	247	252	T12	23.5
BG6-180	6	180	306	168	222	227	T12	26.5
BG6-200	6	200	322	177.5	226	247	T16/T14	29
BG6-200S	6	200	260	180	247	252	T12	30
BG12-26	12	26	166	175	125	125	T3/T13	8.1
BG12-33	12	33	195	130	159	180	T7/T11	10.2
BG12-40	12	40	198	166	171	171	T4/T11	13.2
BG12-55	12	55	229	138	210	235	T15/T11	17
BG12-65	12	65	350	167	180	183	T5/T11	21
BG12-70	12	70	350	167	180	183	T5/T11	22.5
BG12-60	12	60	260	169	210	235	T15/T11	20.5
BG12-70S	12	70	260	169	210	235	T15/T11	21.5
BG12-75	12	75	260	169	210	235	T15/T11	23.5
BG12-75S	12	75	350	167	180	183	T5/T11	22.5
BG12-80	12	80	260	169	210	235	T15/T11	23.5
BG12-80S	12	80	328	172	222	222	T5/T12	24
BG12-85	12	85	306.5	168.5	210	235	T15/T11	26
BG12-90	12	90	306.5	168.5	210	235	T15/T12	28.5
BG12-100	12	100	328	172	222	222	T5/T12	30
BG12-120	12	120	407	177	225	225	T5/T12	35.5
BG12-134	12	134	340	173	280	285	T5/T12	41.5
BG12-145	12	145	340	173	280	285	T5/T12	44
BG12-150	12	150	483	170	240	240	T5/T12	44.5
BG12-160S	12	160	483	170	240	240	T5/T12	48
BG12-160	12	160	530	209	214	219	T16/T12	50
BG12-180	12	180	530	209	214	219	T16/T12	53
BG12-200	12	200	522	240	219	240	T16/T10	60
BG12-225	12	225	522	240	219	240	T16/T10	65
BG12-230	12	230	521	269	204	209	T10	67
BG12-260	12	260	520	268	220	225	T14	74