

## Capacity Range: 150Ah-3000Ah

### General Specifications



Code No.	Voltage (V)	Capacity (AH)	Dimension								Weight		Terminal Type	
			Length		Width		Height		Total Height		Kg	Lb		
			mm	in	mm	in	mm	in	mm	in	mm	in		
LSE2-150	2	150	172	6.77	102	4.02	206	8.11	221	8.7	8.5	18.74	T22	
LSE2-200	2	200	173	6.81	109	4.29	330	12.99	365	14.37	12.8	28.22	T22	
LSE2-250	2	250	173	6.81	109	4.29	330	12.99	365	14.37	14.5	31.97	T22	
LSE2-300	2	300	126	4.96	187	7.36	361.5	14.23	375	14.76	19.5	43.0	T22	
LSE2-350	2	350	126	4.96	187	7.36	361.5	14.23	375	14.76	22.0	48.5	T22	
LSE2-400	2	400	166	6.54	184.5	7.26	361	14.21	375	14.76	25.0	55.12	T22	
LSE2-450	2	450	166	6.54	184.5	7.26	361	14.21	375	14.76	27.0	59.52	T22	
LSE2-500	2	500	197.5	7.78	187	7.36	361.5	14.23	375	14.76	30.0	66.14	T22	
LSE2-600	2	600	223	8.78	184.5	7.26	361.5	14.23	375	14.76	35.5	78.26	T22	
LSE2-800	2	800	154	6.06	229	9.02	555	21.85	566	22.28	52.0	114.6	T22	
LSE2-1000	2	1000	186	7.32	229	9.02	555	21.85	566	22.28	62.0	136.7	T22	
LSE2-1200	2	1200	225	8.86	229	9.02	555	21.85	566	22.28	75.0	165.4	T22	
LSE2-1500	2	1500	265.5	10.45	229	9.02	555	21.85	566	22.28	92.0	202.8	T22	
LSE2-2000	2	2000	349	13.74	233	9.17	555	21.85	566	22.28	121	266.8	T22	
LSE2-3000	2	3000	496	19.53	363	14.29	362	14.25	374	14.72	175	385.8	T22	

### Applications

- Telecommunications
- UPS
- Data center
- Solar and wind energy system
- Power Utility

### Complied Standards

- IEC 60896-21/22
- Eurobat guide, long life
- BS6290 part 4
- YD/T 799
- UL1989
- IATA and IMDG

For more information and for the complete list of models, please visit our website: [www.bsbpower.com](http://www.bsbpower.com) or send an email to [enquiry@bsbpower.com](mailto:enquiry@bsbpower.com)  
 Products specifications described herein are subject to change without prior notification.

### Available Series

- XT Series
- TFC Series
- OPzV Series
- OPzS Series
- FAG Series
- TGF Series
- TG Series
- Solar Series
- LSG Series
- LSE Series
- HR Series
- DC Series
- DB Series
- GB Series

### Notes

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### Headquarters and subsidiaries

- BSB Power Company Limited (HQ)
- BSB Power Europe (France)
- PT. BSB Indonesia
- BSB Power Company Pakistan Ltd



## Valve Regulated Lead Acid Battery

# 2V AGM BATTERY

## LSE Series

### RANGE SUMMARY

The LSE series has a 20 years design life in float service. With heavy duty grids, thicker plates, special additives and updated AGM Valve Regulated technology, the LSE series battery provides consistent performance and long service life.

This series is highly suited for telecommunications, UPS systems, renewable energy systems, power stations and similar applications.

### FEATURES AND BENEFITS

- 20 years design life in floating condition
- Wide operating temperature range from -25°C to 60°C
- High integrity, dual pillar seal design
- Low float current designed paste enables significant electrical cost saving
- Thick positive flat plate design with high Tin low Calcium alloy
- Low self-discharge rate
- High gas recombination efficiency as high as 99.9%

### CONSTRUCTION

- Positive plate : Thick high Sn low Ca grid to resist corrosion and prolong life
- Negative plate : Balanced Pb-Ca grid for improved recombination efficiency
- Separator : Advanced AGM separator for ultra low float current
- Electrolyte : Dilute high purity sulphuric acid
- Battery container and cover : ABS
- Pillar seal : 100% factory tested, proven two layers epoxy resin seal
- Relief valve : Complete with integrated flame arrestor

### CHARGING VOLTAGE AND SETTINGS

- Constant voltage charging is recommended
- Recommended float charge voltage: 2.25Vpc @ 25°C
- Float voltage temperature compensation: -3mV/°C/cell
- Equalize charge voltage : 2.35 Vpc @25°C
- Max. charge current allowable : 0.25C<sub>10A</sub>

