

# SPIRAL CELL

## SPBT SERIES



### APPLICABLE FIELDS

- Vehicles start
- Generators start
- Medical devices
- Standby power supply
- Uninterruptible power supply
- Electricity transferring equipment



### PRODUCT FEATURES

- Spiral cell technology: superior vibration resistance and extended life
- Solid cast cell connections: increased durability and maximum plate height
- Tightly compressed cells: added vibration resistance
- 99.9% pure lead: Spiral cell design allows for lead to be used in its purest form
- Absorbent glass-mat separators: hold electrolyte like a sponge to eliminate acid spilling

### CHARACTERISTICS

- Excellent high rate discharge performance, max discharge rate is 18C<sub>10</sub>
- No free electrolyte workable at random position
- Solid structure, good seismic resistance
- Stable high voltage output, higher energy density
- Superior high and low temperature, workable under -45°C ~ +65°C
- Storage period is almost 2 years
- Design life more than 10 years
- Fast chargeable, 95% state of charge can be reached in 40 min



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### SPECIFICATIONS

Nominal voltage: 12V

Float voltage charge at 25°C: 13.50 ~13.80V

Boost voltage charge: 14.00~14.40V

Maximum charge current: 18 at C<sub>10</sub> A

Self-discharge at 20°C < 1% per month

Type	Voltage (V)	Capacity (C <sub>20</sub> Ah)	Dimensions LxWxH mm	Total Height mm	Weight Kg	Inter Resistance MΩ	Start up Capacity min
6-SPBT-25	12	28	203x139x162	171	9	4.0	480
6-SPBT-38	12	42	239x174x158	167	13	3.0	550
6-SPBT-50	12	55	255x169x204	213	18	2.9	690
6-SPBT-75	12	80	263x179x240	257	26	2.6	850
6-SPBT-100	12	105	303x204x240	249	31	2.3	1100



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