

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 18C₁₀
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 C₁₀ A

Self-discharge at 20°C < 1% per month

Type	Voltage (V)	Capacity (C ₂₀ Ah)	Dimensions L x W x H 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-40	12	44	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



DAIREN

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