

Marstech[®] SPBT RANGE

APPLICABLE FIELDS

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



PRODUCT FEATURES

Spiral cell technology : for superior vibration resistance and extended life
Solid cast cell connections : for increased durability and maximum plate height
Tightly compressed cells : for 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 $-45^{\circ}\text{C} \sim +65^{\circ}\text{C}$
Storage period is almost 2 years
Design life more than 10 years
Fast chargeable, 95% state of charge can be reached in 40 mins



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TECHNICAL 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	Rate Voltage (V)	Rate Capacity (C ₂₀ Ah)	Dimensions LxWxH mm	Total Height mm	Weight Kg	Inter Resistance MΩ	Start up Capacity min
6-SPBT-25	12	28	203x139x162	179	9	6.5	480
6-SPBT-38	12	42	239x174x158	218	13	4.8	550
6-SPBT-50	12	55	255x169x204	221	18	3.3	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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