OPzV GEL DEEP CYCLE BATTERY

S2-524GEL





Series	VRLA GEL	Warranty	See Warranty Terms
Volts	2	Design	2V OPzV
Cells	1		
Terminal Type		F10	
Included Hardware		Threaded Insert & Bolt	
Size & Thread		F10-M8	

Charge | Discharge

Charge Voltage Range	2.38 V/cell @ 25°C (77°F)
Float Voltage Range	2.28 V/cell @ 25°C (77°F)
Recommended Charge Current	80 A
Maximum Charge Current	105 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)
Internal Resistance	0.65 mΩ

Capacity

Capacity Affect by Temperature	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C (5°F)
	105%	100%	89%	79%

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	**625 AH**	**6.25 A**
@ 20 Hour Rate	**524 AH**	**26.2 A**
@ 10 Hour Rate	**490 AH**	**49 A**
@ 5 Hour Rate	**417 AH**	**83.3 A**

Cut Off Voltage	Constant Current Discharge								
	30 min	1 hr	2 hr	3 hr	4 hr	5 hr	6 hr	8 hr	10 hr
1.80 VPC	260	260	166	121.3	96.9	83	75	58.2	50

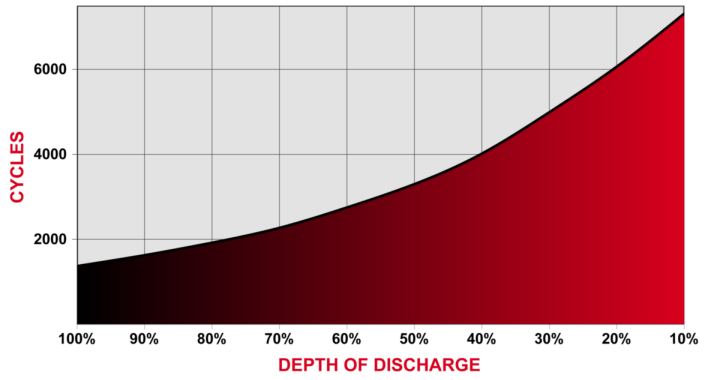
Specifications

Weight	38 kg	84 lbs
Length	166 mm	6.54"
Width	206 mm	8.11"
Height	470 mm	18.5"
Height Incl. Term.	505 mm	19.88"

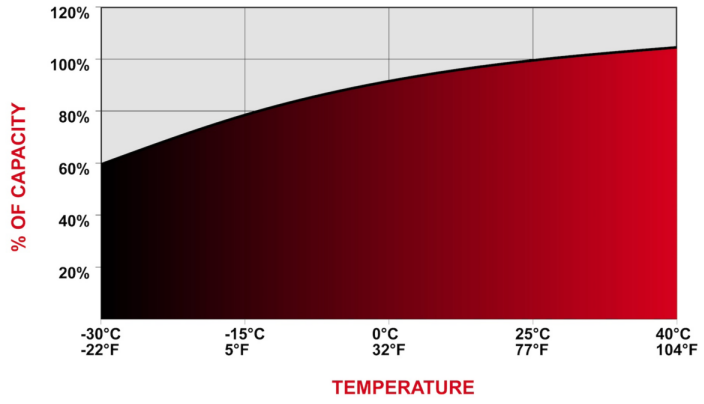
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Container	ABS
Cover	ABS
Handles	None

Cycle Life vs. Depth of Discharge



Capacity vs. Temperature



BCI BATTERY COUNCIL INTERNATIONAL

Designed in compliance with applicable BCI, DIN, BS & IEC standards.
Tested in compliance to BCI & IEC standards.

ISO 45001 CERTIFIED · ISO 14001 CERTIFIED · ISO 9001 CERTIFIED · MH 48952

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