OPzV GEL DEEP CYCLE BATTERY

S2-450GEL





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

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	65 A
Maximum Charge Current	90 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	**540 AH**	**5.4 A**
@ 20 Hour Rate	**450 AH**	**22.5 A**
@ 10 Hour Rate	**420 AH**	**42 A**
@ 5 Hour Rate	**357 AH**	**71.4 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	218.4	218.4	139.4	101.9	81.4	69.72	63	48.89	42

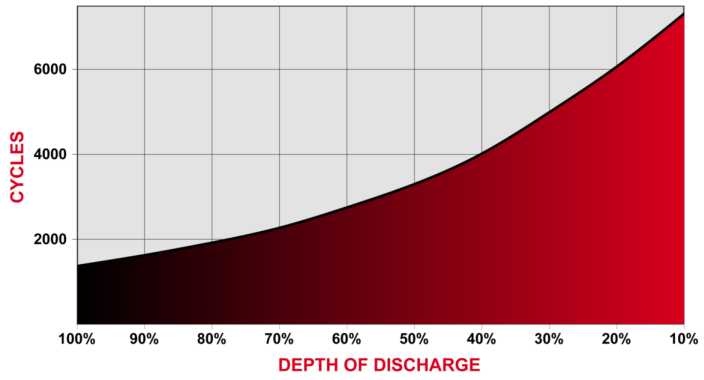
Specifications

Weight	32 kg	70.5 lbs
Length	145 mm	5.71"
Width	206 mm	8.11"
Height	470 mm	18.5"
Height Incl. Term.	505 mm	19.88"

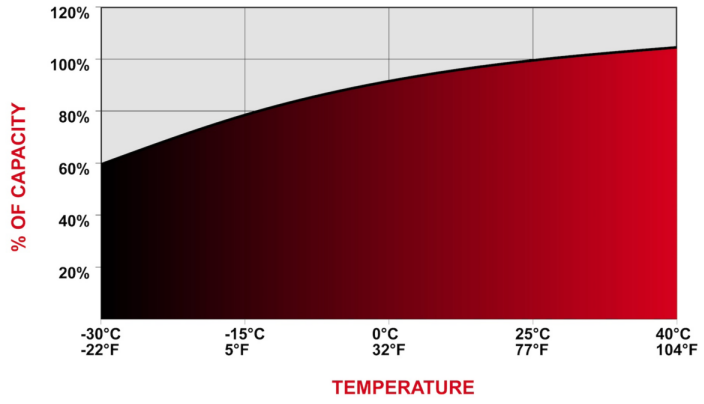
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

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

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