OPzV GEL DEEP CYCLE BATTERY

S2-1070GEL





Series	VRLA GEL	Warranty	See Warranty Terms
Volts	2	Design	2V OPzV
Cells	1		
Terminal Type		F10(M8)	
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	160 A
Maximum Charge Current	215 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)
Internal Resistance	0.45 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	**1250 AH**	**12.5 A**
@ 20 Hour Rate	**1070 AH**	**53.5 A**
@ 10 Hour Rate	**1000 AH**	**100 A**
@ 5 Hour Rate	**850 AH**	**170 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	520	520	332	242.5	193.8	166	150	116.4	100

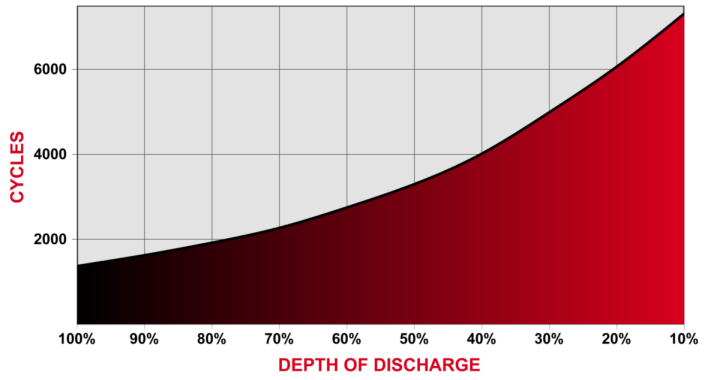
Specifications

Weight	70 kg	154.5 lbs
Length	210 mm	8.27"
Width	233 mm	9.17"
Height	645 mm	25.39"
Height Incl. Term.	680 mm	26.77"

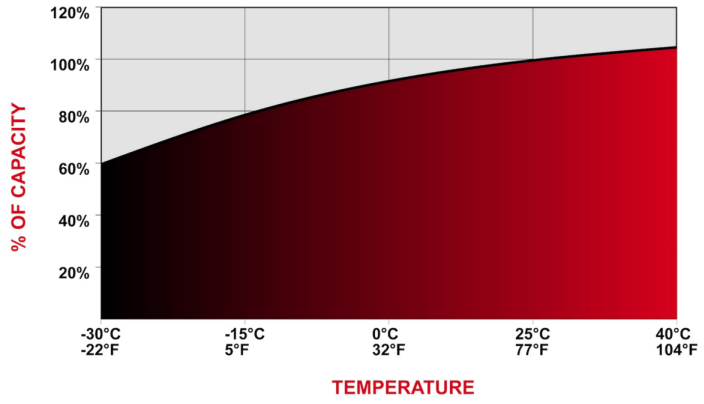
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

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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