OPzV GEL DEEP CYCLE BATTERY

S2-2140GEL





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	320 A
Maximum Charge Current	430 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)
Internal Resistance	0.4 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	**2490 AH**	**24.9 A**
@ 20 Hour Rate	**2140 AH**	**107 A**
@ 10 Hour Rate	**2000 AH**	**200 A**
@ 5 Hour Rate	**1700 AH**	**340 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	1040	1040	643	485	387.6	332	300	232.8	200

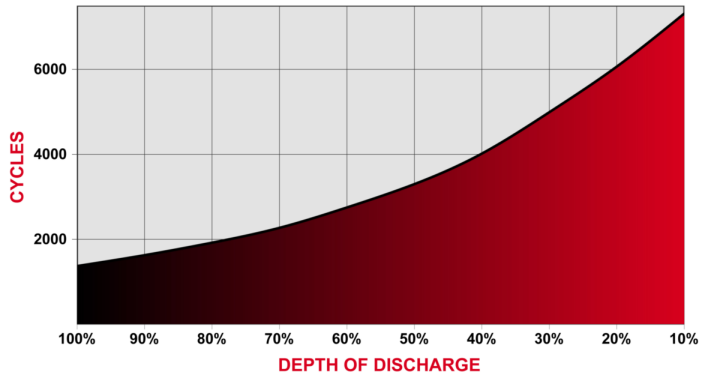
Specifications

Weight	140 kg	308.5 lbs
Length	399 mm	15.71"
Width	214 mm	8.43"
Height	770 mm	30.31"
Height Incl. Term.	805 mm	31.69"

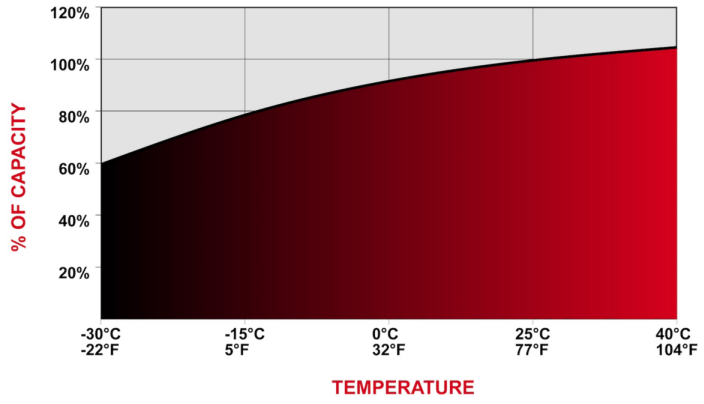
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

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

Rev.#3 | May 2018