OPzV GEL DEEP CYCLE BATTERY

S2-640GEL





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	95 A
Maximum Charge Current	130 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)
Internal Resistance	0.6 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	**750 AH**	**7.5 A**
@ 20 Hour Rate	**640 AH**	**32 A**
@ 10 Hour Rate	**600 AH**	**60 A**
@ 5 Hour Rate	**510 AH**	**102 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	312	312	199.2	145.5	116.3	99.6	90	69.84	60

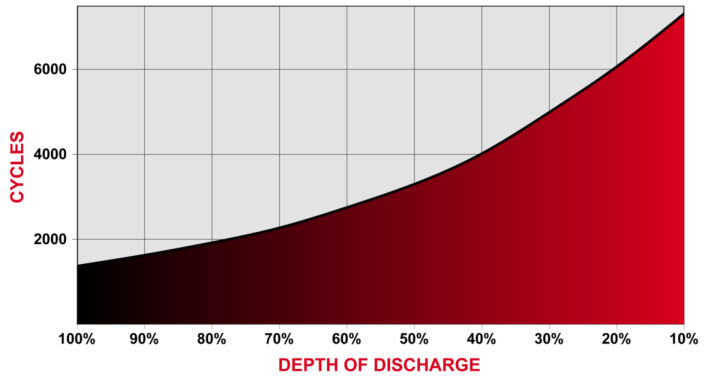
Specifications

Weight	42 kg	92.5 lbs
Length	145 mm	5.71"
Width	206 mm	8.11"
Height	645 mm	25.39"
Height Incl. Term.	680 mm	26.77"

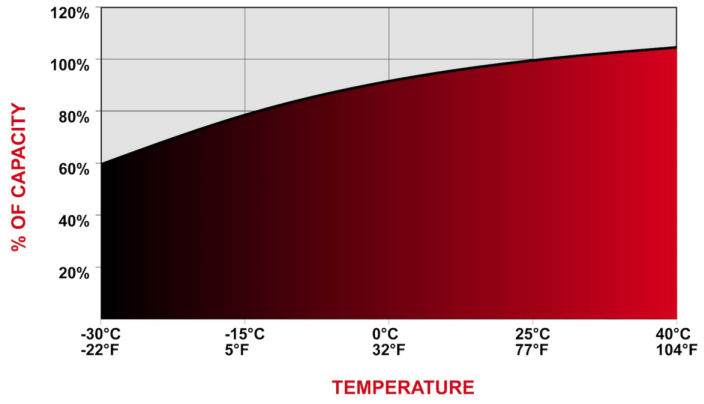
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Container	ABS
Cover	ABS
Handles	None

Cycle Life vs. Depth of Discharge



Capacity vs. Temperature



BATTERY COUNCIL INTERNATIONAL

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

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