GS YUASA

SLR SERIES

ENERGY STORAGE

Advanced Nano-Carbon Deep Cycle Valve Regulated Lead Acid Battery

Advanced Nano-Carbon technology performs Superior Deep Long Cycle Life and is deployed in GS YUASA high capacity cyclic cells for variety of large Energy Storage applications. The modular unit design provides easy installation and reduced site space. Modular unit construction has front facing terminals for easy maintenance, even in large energy storage solutions.

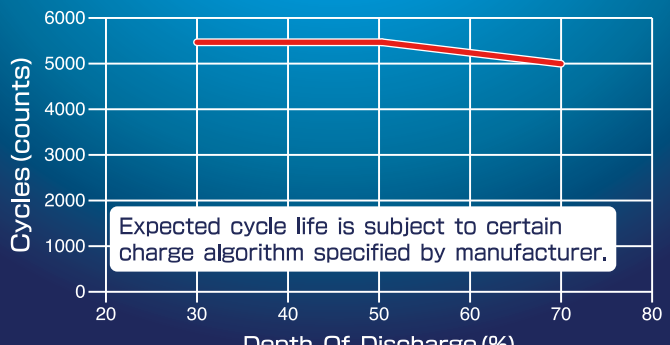
APPLICATIONS

- Solar Off-grid
- Solar Hybrid energy storage
- Grid connect energy storage
- Load shifting
- Fuel saving
- Power quality
- Energy management
- Telecom/BTS

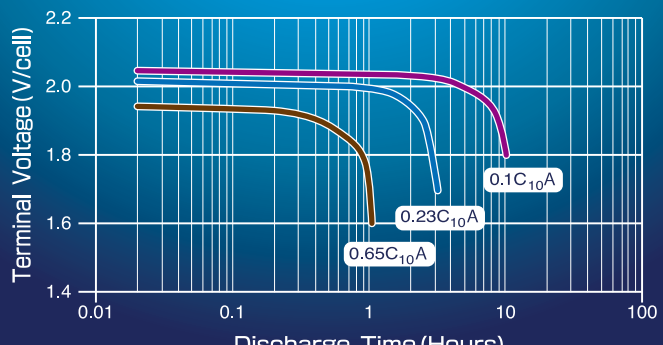
Cycle Life of D.O.D.(※)		
50%	60%	70%
5500	5250	5000

(※)Depth of Discharge

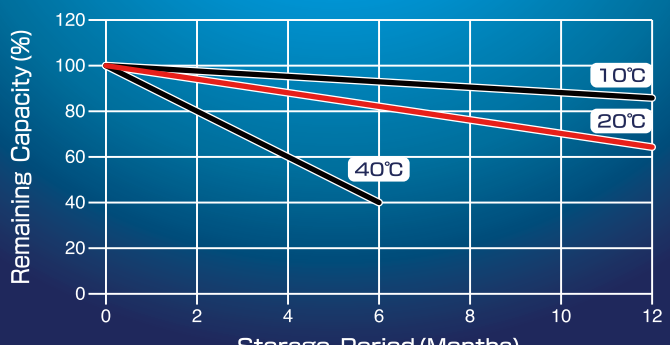
Expected Cycle life at 25°C



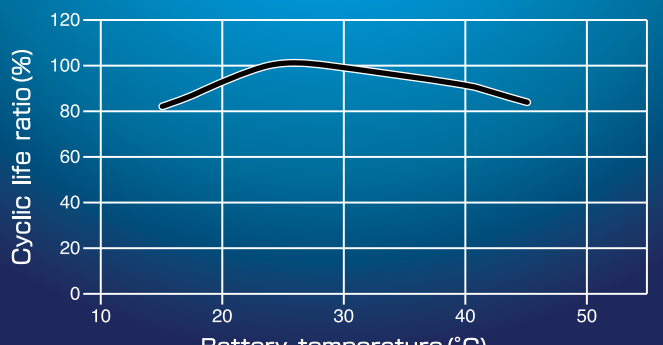
Discharge Characteristic Curves at 25°C



Self Discharge characteristic



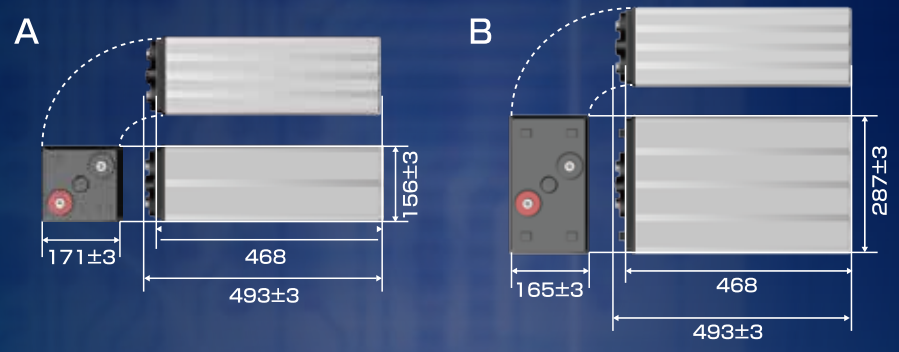
Cyclic life performance by battery temperature

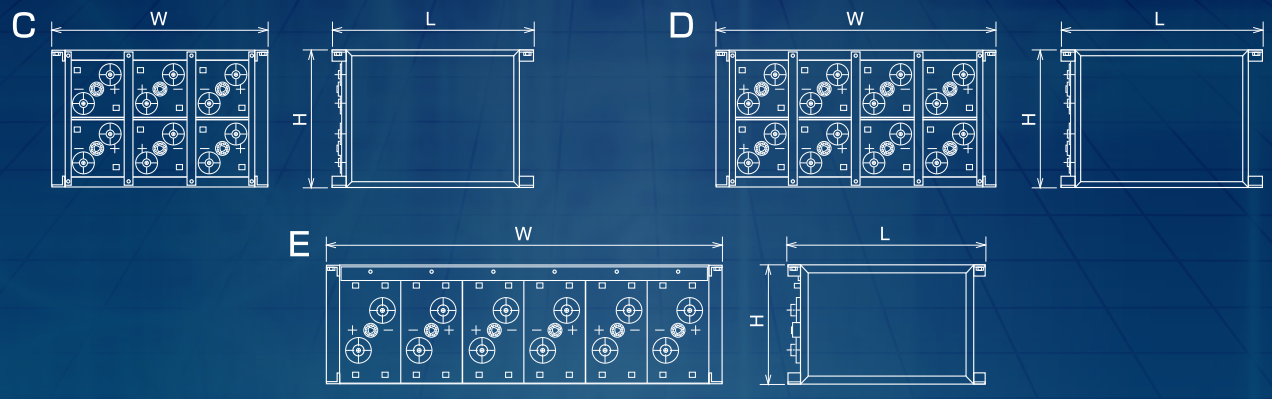


Modular Unit Design

CELL & Unit Battery

	Model	Nominal Capacity Ah/10hr@25℃	Nominal Voltage (V)	Overall Dimensions (±3mm)			Weight Approx(kg)	Drawing No.
				Width (W)	Length (L)	Height (H)		
CELL	SLR-500	500	2	171	493	156	39	A
	SLR-1000	1000	2	165	493	287	68	B
UNIT	SLRX-500-6	500	12	658	495	387	285	C
	SLRX-500-8	500	16	830	495	387	370	D
	SLRX-1000-6	1000	12	1145	495	323	455	E





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