

AGM VRLA SMF BATTERY

PRODUCT FEATURES

- Sealed Maintenance Free
- Eco-Friendly
- Easy Handling
- Easy Installation
- Extended Cycle Life
- Excellent Charge Retention & Recovery
- High Reliability
- Performance Characteristics Confirming to JISC8702
- Free from Orientation Constraints
- Minimal Voltage Drop
- Ready-to-use
- Low Self Discharge
- Superior High Rate Discharge
- Deep Cycle Application

CONSTRUCTION

- Positive and negative plates in lead-tin-calcium alloy
- Separator - low resistance micro-porous glass
- The electrolyte is absorbed within this material, preventing acid leakage in case of accidental damage
- Terminals with a large surface area
- Self regulating pressure relief valve
- 100% ensured capacity (through Data-logger) during manufacturing
- Stronger, sturdier & attractive packaging
- Specially suited for UPS Power Backup and Solar Power Application



NXT 200-12 (12V 200Ah)

NXT 150-12 (12V 150Ah)

NXT100-12 (12V 100Ah)

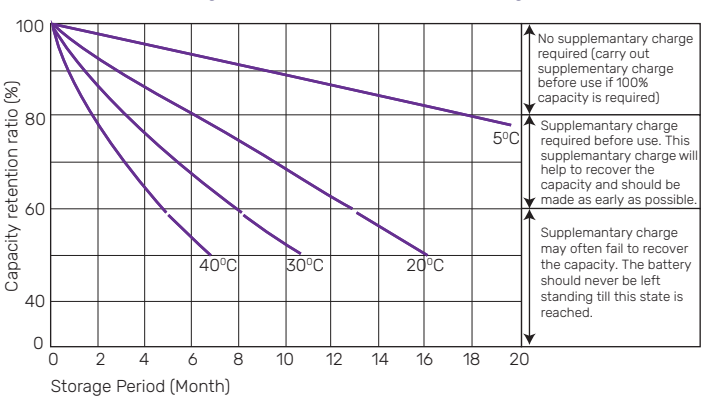
PRODUCT SPECIFICATIONS



BATTERY TYPE	NOMINAL VOLTAGE (V)	RATED CAPACITY (Ah) AT 27°C								DIMENSIONS (MM)				WEIGHT (KG) ± 5%	INTERNAL RESISTANCE (M-OHM)	MAX DISCHARGE CURRENT (AMPS)
		20 hr 1.75 V/cell	10 hr 1.75 V/cell	5 hr 1.75 V/cell	3 hr 1.75 V/cell	2 hr 1.75 V/cell	90 min 1.75 V/cell	60 min 1.75 V/cell	30 min 1.75 V/cell	Overall height ±3	Height upto lid ± 3	Length ± 2	Width ± 2			
NXT100-12	12	100	90.0	81.0	75.0	75.0	66.0	55.0	45.0	235	235	407	173	32.8	6	600
NXT150-12	12	150	135.0	121.5	112.5	112.5	99.0	82.5	67.5	240	240	557	172	45.8	6	900
NXT200-12	12	200	180.0	162.0	150.0	140.0	132.0	110.0	90.0	240	240	533	250	63.6	5	1200

CAPACITY RETENTION

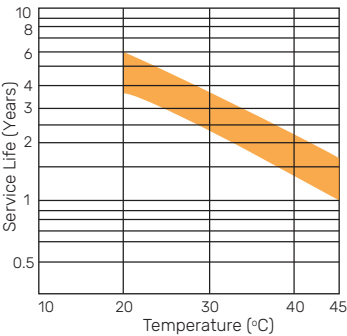
Retention of charge of NXT Series under ideal storage conditions



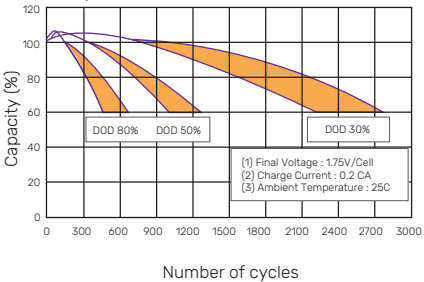
Capacity retention characteristic and the supplementary charge and storage guideline

NXT SERVICE LIFE

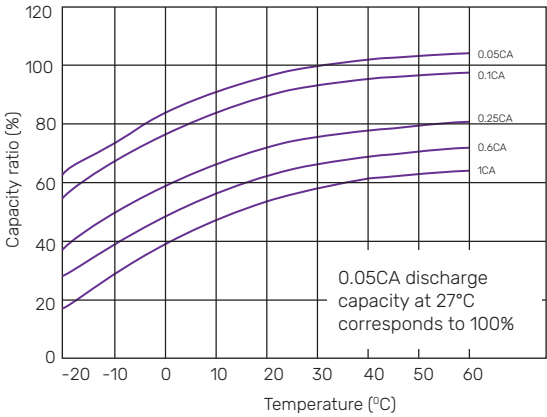
Float Service Life



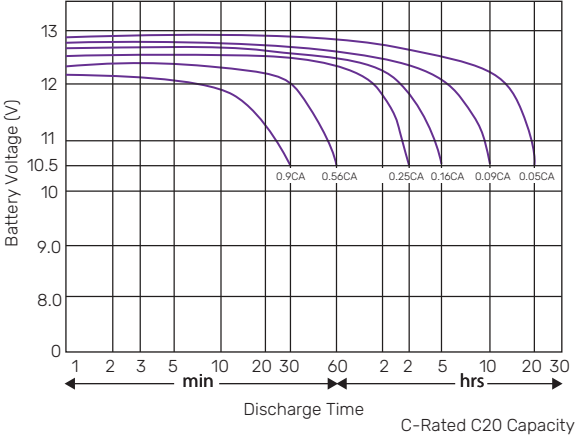
Cycle Service Life



EFFECT OF TEMPERATURE ON CAPACITY



NXT DISCHARGE CHARACTERISTICS



Note: Specifications and models subject to change without prior notice