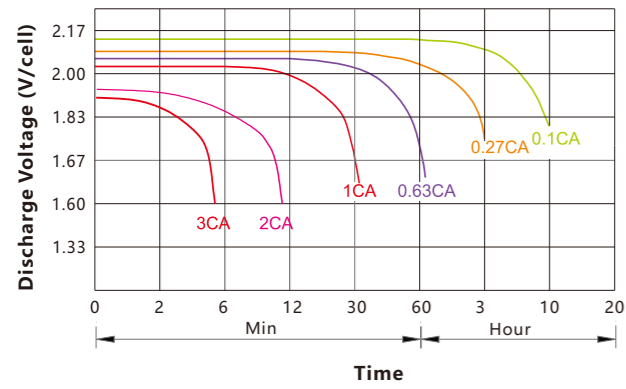
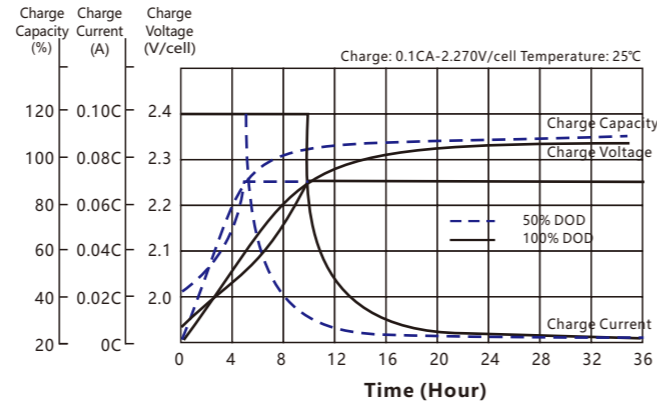


Performance Curve

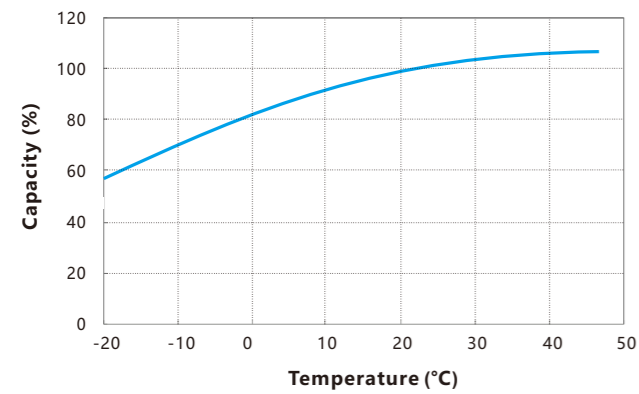
Discharge Characteristics (25°C/77°F)



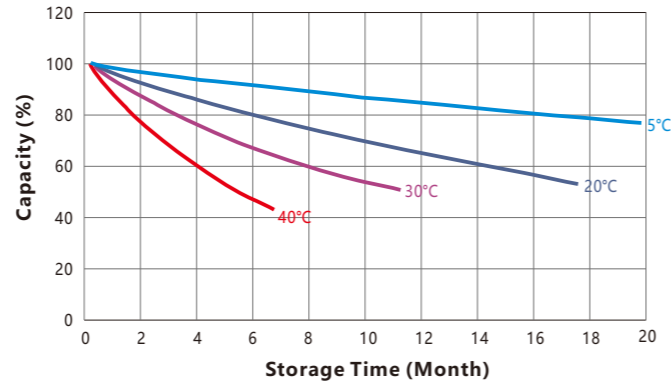
Charging Characteristics (25°C/77°F)



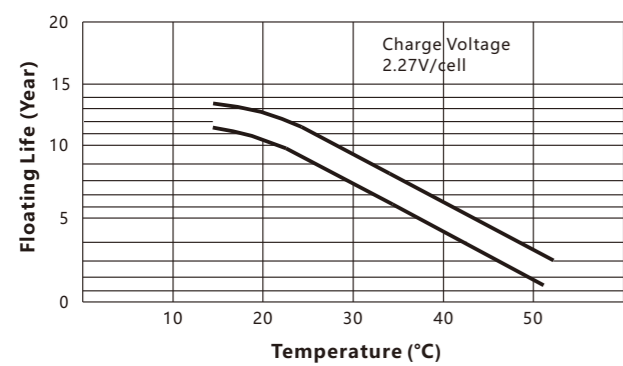
Capacity with Different Temperature



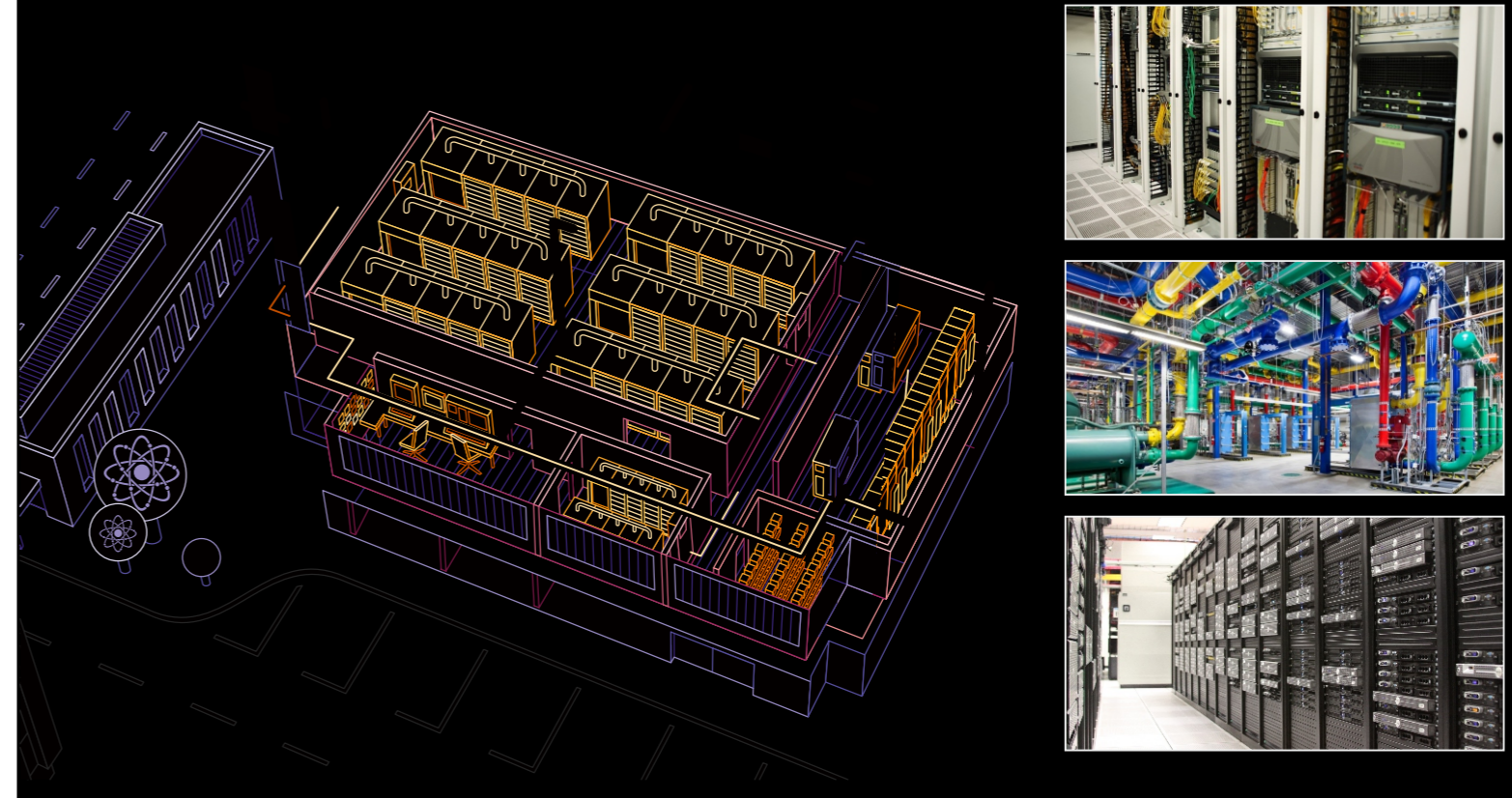
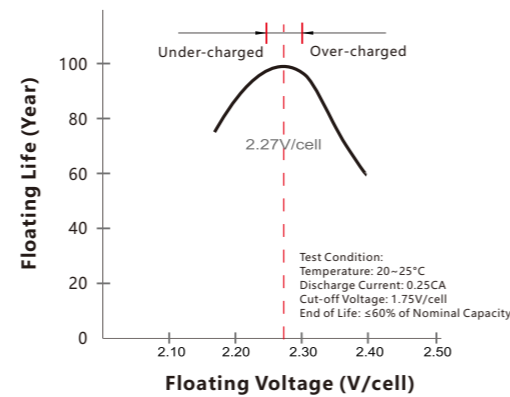
Self-discharge Characteristic



Float Life with Different Temperature



Floating Voltage and Life



TNX Series

Maintenance Free VRLA AGM Battery
High Rate UPS Battery



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Industry Battery-TNX Series (High Rate UPS Battery)

The TNX Series are specially designed for various data centers as high rate UPS batteries. The series can be applied in all kinds of UPS system, high rate current, emergency power system and so on. The discharge output is significantly higher than normal module in the range of 15%~20% during 15min, which effectively reduce the number of batteries needed, cut down cover area and initial investment.



Features

- ☑ 10 year Design Life @ 25°C
- ☑ Absorbent Glass Mat (AGM) technology for efficient gas recombination of over 99%
- ☑ Patented rare earth alloy having the lowest calcium levels in the industry minimizing grid growth, reducing gassing, and extending battery life.
- ☑ Flame retardant ABS case and covers

Construction

- ✦ **Positive plate** – Patent rare earth alloy grid with special paste for corrosion resistance
- ✦ **Negative plate** – Balanced Pb-Ca grid for improved recombination efficiency
- ✦ **Separator** – Advanced AGM separator for high pressure cell design, The electrolyte is completely absorbed into the separator
- ✦ **Electrolyte** – Dilute high purity sulfuric acid
- ✦ **Battery container and cover** – ABS UL94-HB (Flame-resistant ABS UL94-V0 is optional)

Application

- Data Centers
- Network Operations Centers
- Industrial Process Control Facilities
- Internet Housing Sites
- Semiconductor Manufacture
- Banks & Financial Markets

Product Specification

Model	Nominal Voltage (V)	Nominal Capacity C ₁₀ (Ah) 1.80Vpc/25°C	Nominal Capacity C ₂₀ (Ah) 1.80Vpc/25°C	Dimension (mm)				Weight (Kg)	Dimension (Inch)				Weight (lbs)	Terminal
				L	W	H	TH		L	W	H	TH		
TNX12-21W	12	21.0	5.80	90	70	101	107	1.81	3.54	2.76	3.98	4.21	4.0	T1/T2
TNX12-24W	12	24.0	6.00	151	65.5	93.5	99.5	2.06	5.94	2.58	3.68	3.92	4.5	T1/T2
TNX12-28W	12	28.0	7.00	151	65.5	93.5	99.5	2.18	5.94	2.58	3.68	3.92	4.8	T1/T2
TNX12-32W	12	32.0	7.80	151	65.5	93.5	99.5	2.45	5.94	2.58	3.68	3.92	5.4	T1/T2
TNX12-34W	12	34.0	8.50	151	65.5	93.5	99.5	2.50	5.94	2.58	3.68	3.92	5.5	T2
TNX12-36W	12	36.0	8.80	151	65.5	93.5	99.5	2.66	5.94	2.58	3.68	3.92	5.9	T2
TNX12-50W	12	50.0	14.0	151	99.5	95.5	101	4.05	5.94	3.92	3.76	3.98	8.9	T2
TNX12-60W	12	63.0	20.0	182	77	170	170	5.78	7.17	3.03	6.69	6.69	12.7	I1
TNX12-70W	12	67.0	21.0	182	77	170	170	6.00	7.17	3.03	6.69	6.69	13.2	L1
TNX12-80W	12	81.0	22.0	182	77	170	170	6.90	7.17	3.03	6.69	6.69	15.2	I1
TNX12-100W	12	100	30.0	166	175	125	125	8.60	6.54	6.89	4.92	4.92	19.0	L1
TNX12-120W	12	120	35.0	195	130	157.5	162	10.5	7.68	5.12	6.20	6.38	23.1	I1/I2
TNX12-125W	12	126	45.0	198.5	166	169.5	169.5	13.5	7.81	6.54	6.67	6.67	29.8	I3
TNX12-220W	12	221	70.0	350	167	180	180	21.0	13.8	6.57	7.09	7.09	46.3	I3
TNX12-240W	12	240	75.0	260	168	211	213.5	22.3	10.2	6.61	8.31	8.41	49.2	I3
TNX12-320W	12	320	90.0	306.5	168	208.5	211	25.8	12.1	6.61	8.21	8.31	56.9	I7
TNX12-360W	12	360	105	330	172	214	221.5	29.8	13.0	6.77	8.43	8.72	65.7	I7
TNX12-480W	12	484	128	408	177	224	224	34.0	16.1	6.97	8.82	8.82	75.0	I7
TNX12-490W	12	490	150	480	170	240	240	42.2	18.9	6.69	9.45	9.45	93.0	I7
TNX12-690W	12	690	200	520	239	220	225	62.0	20.5	9.41	8.66	8.86	136.7	I7
TNX12-790W	12	790	250	522	268	220	226	72.5	20.6	10.6	8.66	8.90	159.8	I7

Terminal Type

