



High-Temp Long Life GEL Deep Cycle Battery HTB 12V/6V/8V series

12V/6V/8V
Voltage

GEL
Technology

Deep
Cycle

HTB12 HTB6 HTB8 series uses the newly developed nano gel electrolyte with super-C additive plus heavy duty plates design inside. The HTL series has a long service life and can provide optimum and reliable service under extreme condition such as high temperature and frequent power failure, This series is highly suited for tropical area in outdoor applications such as Telecom BTS stations and Off-grid PV system.



Applications

- BTS Stations
- Solar & Wind energy system
- UPS system
- Telecom systems
- Wheel chair, Golf Car

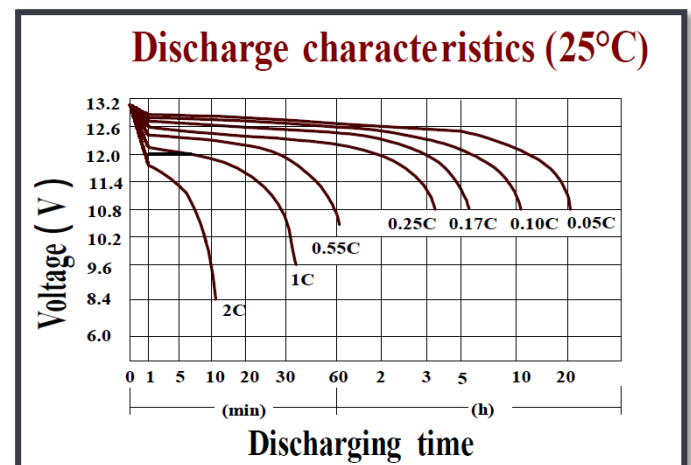
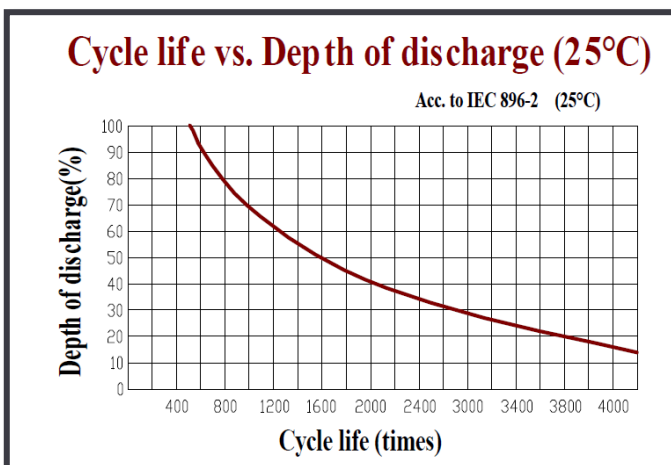
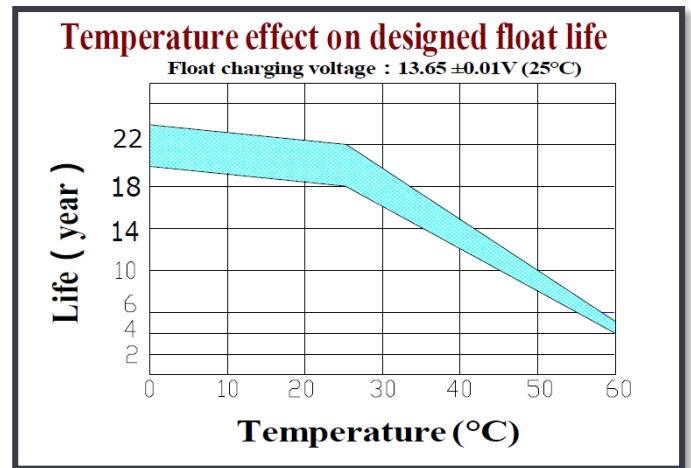
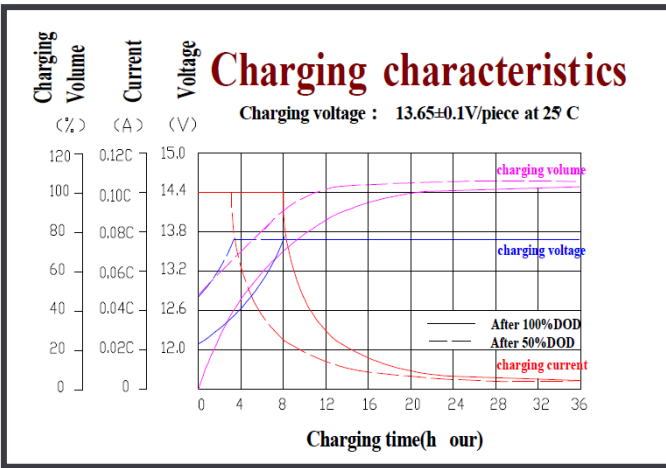
General Features

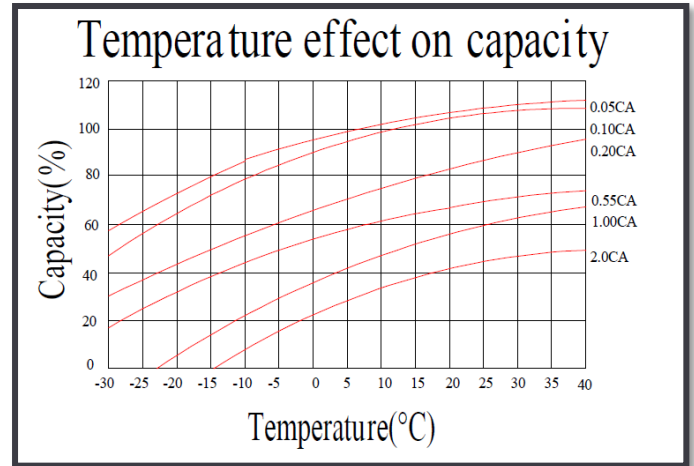
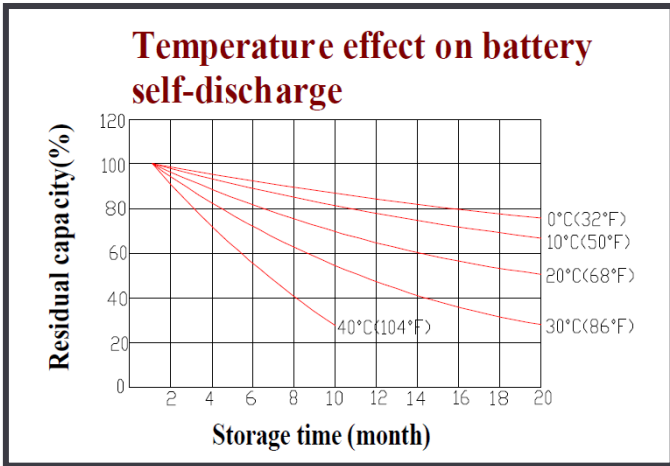
- ✓ Able to operate at 60°C
- ✓ DOD 50% 1500 times Cycles
- ✓ Design floating life 20 years
- ✓ Integrated design to ensure the best uniformity and reliability
- ✓ Long life and high stability under high temp. environment (no air-con needed)
- ✓ Use super-C additives: Deep discharge recovery capability



COMPLIED STANDARDS
 IEC 60896-21/22 JIS C8704
 YD/T1360 BS6290 part4
 GB/T 19638 CE

Performance Characteristics





HTB Parameter

Nominal Voltage		12V(6 Cells Per Unit)
Design Floating Life @25°C		20 Years
Nominal Capacity @25°C(20 hour rate@1.8V)		100%C (Ah)
Capacity @25°C	10hour rate (1.8V)	90%C (Ah)
	5 hour rate (1.8V)	80%C(Ah)
	1 hour rate (1.75V)	58%C(Ah)
Internal Resistance	Full Charged Battery@25°C	≤0.02*C(mΩ)
Ambient Temperature	Discharge	-25°C~60°C
	Charge	--25°C~60°C
	Storage	-25°C~45°C
Max.Discharge Current@25°C		6C (5s)
Capacity affected by Temperature (10 hour)	40°C	108%
	25°C	100%
	0°C	90%
	-15°C	70%
Self-Discharge@25°C per Month		3%
Charge (Constant Voltage) @25°C	Standby Use	Initial Charging Current Less than C*0.25A Voltage 2.25-2.3V
	Cycle Use	Initial Charging Current Less thanC*0.25A Voltage 2.37-2.4V

HTB6 8 items 12V Capacity 200Ah upto 420AH

MODEL	Voltage	Capacity	Dimension (mm)				Weight (kg)
	(V)	(Ah)	Length	Width	Height	Total Height	(±3%)
HTB6-200	6	200	306	168	220	222	30
HTB6-210	6	210	260	180	247	249	29.5
HTB6-220	6	220	306	168	220	222	31.5
HTB6-225	6	225	243	187	275	275	30.5
HTB6-250	6	250	260	180	265	272	34.5
HTB6-310	6	310	295	178	346	366	46
HTB6-330	6	330	295	178	354	360	46.6
HTB6-380	6	380	295	178	404	410	55.3
HTB6-420	6	420	295	178	404	410	56.8





HTB12 21 items 12V Capacity 14Ah upto 300AH

MODEL	Voltage	Capacity	Dimension (mm)				Weight (kg)
	(V)	(Ah)	Length	Width	Height	Total Height	(±3%)
HTB12-14	12	14	152	99	96	102	3.8
HTB12-20	12	20	181	77	167	167	6.0
HTB12-24	12	25	166	175	126	126	8.3
HTB12-26	12	25	165	126	174	179	8.4
HTB12-35	12	35	196	130	155	167	10.5
HTB12-40	12	40	198	166	174	174	14.2
HTB12-55	12	55	229	138	208	212	16.0
HTB12-70	12	70	350	167	178	178	23.3
HTB12-75	12	75	260	169	208	227	25.0
HTB12-85	12	85	260	169	208	227	26.1
HTB12-90	12	90	307	169	211	216	28.2
HTB12-100	12	100	307	169	211	216	30.2
HTB12-110	12	110	331	174	214	220	33.3
HTB12-120	12	120	407	173	210	233	39.2
HTB12-135	12	135	344	172	280	285	40.8
HTB12-150	12	150	484	171	241	241	45.5
HTB12-180	12	180	532	206	216	222	56.0
HTB12-200	12	200	532	206	216	222	58.4
HTB12-230	12	230	522	240	219	225	65.0
HTB12-250	12	250	520	268	220	226	71.0
HTB12-300	12	300	520	268	220	226	77.0
HTB8-170	8	170	260	182	266	271	34.3
HTB8-200	8	200	260	182	266	271	38.3

