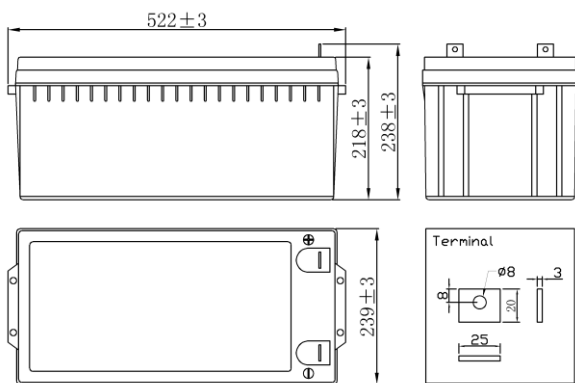


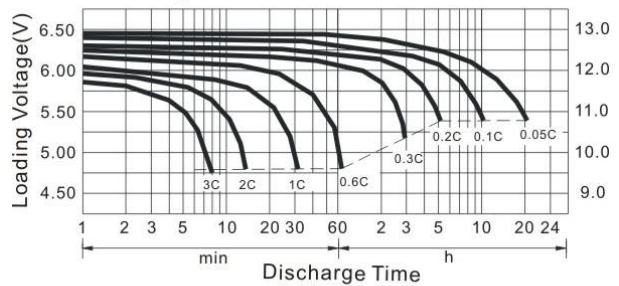


NCTS-12V200A (12V200Ah) SEALED LEAD-ACID BATTERIES

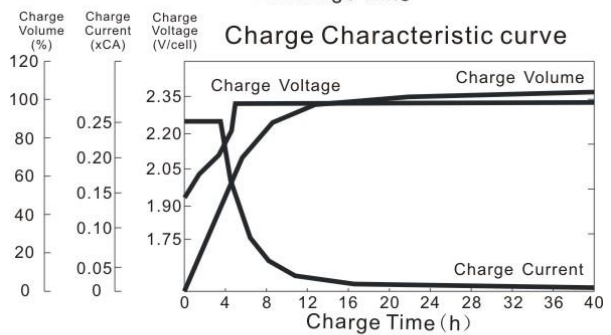
NCTS-12V200A



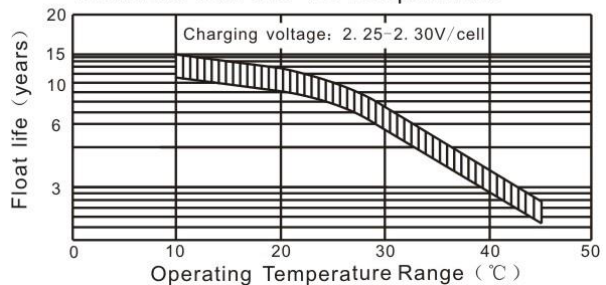
Discharge Characteristics 77°F (25°C)



Charge Characteristic curve



Float service life VS temperature



NCTS-12V200A (12V200Ah) SEALED LEAD-ACID BATTERIES

Technical Specifications

MODEL: NCTS-12V200A

● Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (10HR)		200.0Ah
Dimensions (mm)	Length	522±3
	Width	239±3
	Height	218±3
	Total Height	238±3
Approx. Weight (kg)		56±3%
Terminal		T9



● Characteristic

Capacity 77°F(25°C)	20HR (10.6A)	212.0Ah
	10HR (20.0A)	200.0Ah
	5HR (34.0A)	170.0Ah
	1HR (126.0A)	126.0Ah
	15 min rate (350A)	87.5Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 3.5mΩ
Temperature dependence of capacity (10HR)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C) (Capacity after)	3 months	90%
	6 months	80%
	12 months	60%
Max. Discharge Current, 77°F(25°C)		1300A(5s)
Floating design life, 77°F(25°C)		10 years
Constant Voltage Charge, 77°F(25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 50 A
	Float	13.6~13.8V(-18mV/°C)

Constant Current Discharge Characteristics (A), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	670.0	430.0	350.0	225.0	130.0	77.70	53.76	36.06	24.84	21.00	11.52
1.70V/cell	590.0	390.0	335.0	219.0	128.2	76.70	53.10	35.64	24.44	20.60	11.12
1.75V/cell	530.0	360.0	317.0	213.0	126.6	75.70	52.50	35.10	24.20	20.40	10.92
1.80V/cell	460.0	326.0	297.0	204.8	124.0	74.66	51.50	34.58	23.84	20.20	10.72

Constant Wattage Discharge Characteristics (Watt), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	1155.8	766.8	635.8	420.0	249.2	151.5	106.6	71.70	49.43	41.83	23.02
1.70V/cell	1042.3	708.5	617.0	412.5	246.8	150.2	105.6	71.04	48.76	41.13	22.24
1.75V/cell	949.6	663.0	589.1	404.7	244.8	148.9	104.7	70.14	48.40	40.80	21.84
1.80V/cell	835.7	608.5	556.9	392.5	240.8	148.1	102.9	69.16	47.68	40.40	21.44

