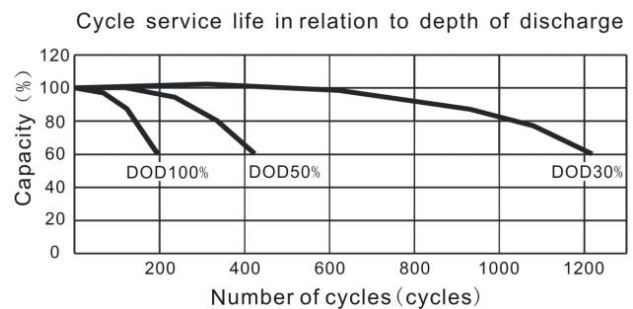
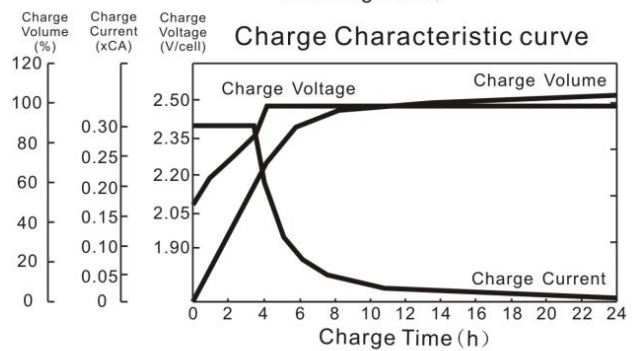
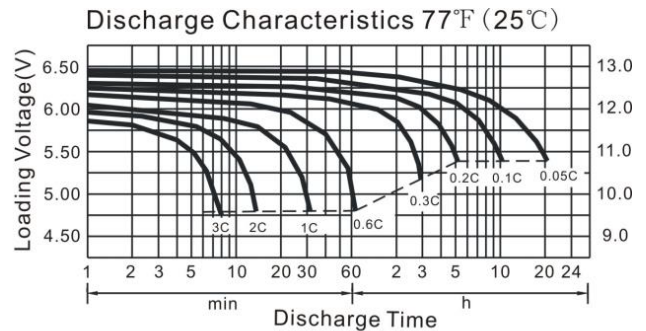
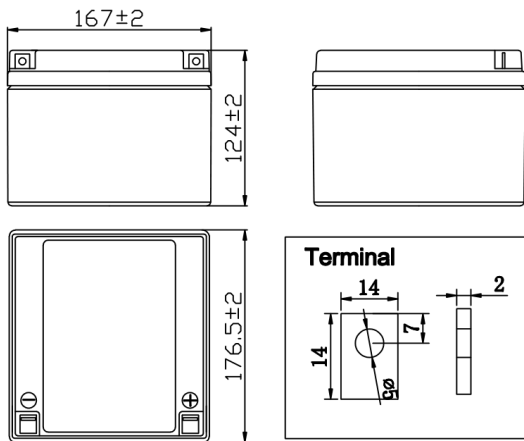




NCTS-12V28A (12V28Ah) SEALED LEAD-ACID BATTERIES

NCTS-12V28A



NCTS-12V28A (12V28Ah) SEALED LEAD-ACID BATTERIES

Technical Specifications

MODEL: NCTS-12V28A

Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		28.0Ah
Dimensions (mm)	Length	176.5±2
	Width	167±2
	Height	124±2
	Total Height	124±2
Approx. Weight (kg)		8.1±3%
Terminal		T3-24



Characteristic

Capacity 77°F(25°C)	20HR (1.40A)	28.0Ah
	10HR (2.60A)	26.0Ah
	5HR (4.76A)	23.8Ah
	1HR (17.1A)	17.1Ah
	15 min rate (51.8A)	13.0Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 10mΩ
Temperature dependence of capacity (20HR)	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)		420A(5s)
Floating design life, 77°F(25°C)		5 years
Constant Voltage Charge, 77°F(25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 8.4 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	106.4	67.2	51.8	28.0	17.72	9.99	7.31	4.93	3.28	2.69	1.44
1.70V/cell	101.1	63.8	49.5	26.8	17.08	9.60	7.14	4.84	3.25	2.66	1.43
1.75V/cell	99.1	62.4	48.6	26.2	16.77	9.44	7.00	4.76	3.19	2.60	1.41
1.80V/cell	97.2	61.0	47.7	25.7	16.49	9.27	6.89	4.68	3.16	2.58	1.40

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	193.3	123.2	95.8	52.3	33.38	18.98	14.00	9.52	6.41	5.29	2.85
1.70V/cell	185.4	118.2	92.3	50.4	32.45	18.40	13.80	9.44	6.38	5.26	2.84
1.75V/cell	183.4	116.5	91.5	49.8	32.14	18.26	13.66	9.35	6.33	5.21	2.82
1.80V/cell	181.4	115.1	90.7	49.3	31.89	18.06	13.55	9.27	6.27	5.15	2.80

