

Motive Battery

Energy Storage Battery

Reserve Battery

Motorcycle Battery



Maintenance Free VRLA AGM Battery - Long Life Type

TNL12-26

(12V 26Ah)

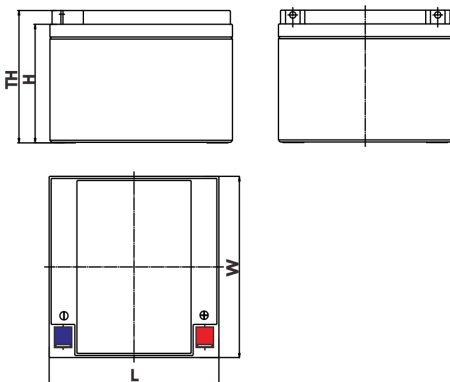
GENERAL FEATURES

- Oxygen recombination technology: maintenance-free, no need to add water or acid
- The patent grid alloy: less gassing, low self-discharge, excellent corrosion resistance
- Long life, low self-discharge rate and high reliability, deep discharge recoverability
- High quality AGM separator: extend cycle life and prevent micro short circuit
- ABS container: increase the strength of battery (Flame-retardant ABS UL94-V0 is optional)

Dimension

Unit:mm

Length	166±2mm / 6.54inch
Width	175±2mm / 6.89inch
Container Height	125±3mm / 4.92inch
Total Height	125±3mm / 4.92inch



Application

- Uninterrupted Power Supply (UPS)
- Communications and electric equipment
- Emergency lighting equipment
- Fire alarm and security system
- Robots, control equipment, and other factory automation equipment
- Emergency power supply (EPS)
- Portable VTR/TV, radio and so on
- Power tools, lawn mowers, vacuum cleaners
- Cameras and photographic equipment
- Portable measuring equipment
- Portable telephone sets
- Various power toys and hobby equipment
- Lighting equipment

Terminal

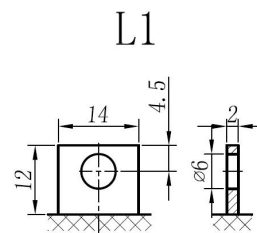
Unit:mm

Terminal Type: L1

Weight

8.4kg

18.57lbs



This document is subject to change without prior notification

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TNL12-26

Specificaion

Nominal Voltage	12V	
Rated Capacity(25°C)	28Ah	20hr Rate(1.80V/cell)
	26Ah	10hr Rate(1.80V/cell)
	23Ah	5hr Rate(1.75V/cell)
	21Ah	3hr Rate(1.70V/cell)
	16Ah	1hr Rate(1.60V/cell)
Container Material	ABS (Flame-retardant ABS UL94-V0 is optional)	
Operating Temperature Range	Discharge	-20 ~ +50°C
	Charge	0 ~ +40°C
	Storage	-15 ~ +40°C
Capacity Effected by Temperature	40°C / 104°F	106%
	25°C / 77°F	100%
	0°C / 32°F	86%
	-10°C / 14°F	65%
Charge	Float Voltage	2.23 -2.27V/cell@25°C, Tem.Coefficient : -3mV/cell/°C
	Equalize Voltage	2.35 -2.40V/cell@25°C, Tem.Coefficient : -3mV/cell/°C
	Cycle Voltage	2.40 -2.50V/cell@25°C, Tem.Coefficient : -5mV/cell°C
Max. Charging Current	7.8A (0.3C)	
Max. Discharge Current (5'	390A	
Internal Resistance	12mΩ	
Self-Discharge	<3%, TN series stored at 25 °C require a supplementary charge every six months, the charging interval would shrink when the ambient temperature went higher	

Discharge Performance

Constant Current Discharge Table (25°C/77°F) Unit: A

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	33.5	28.0	23.9	19.5	14.9	12.59	8.01	6.34	5.14	4.15	3.63	2.90	2.452	1.366
1.80V/cell	42.9	33.8	28.2	23.0	17.4	14.01	8.74	6.82	5.49	4.46	3.89	3.08	2.603	1.379
1.75V/cell	47.1	36.9	30.3	23.9	18.1	14.72	9.06	6.95	5.62	4.58	4.00	3.13	2.633	1.392
1.70V/cell	51.4	39.4	31.9	24.8	18.8	15.12	9.42	7.15	5.76	4.69	4.08	3.18	2.653	1.418
1.67V/cell	55.5	41.9	33.9	26.2	19.3	15.63	9.68	7.45	5.96	4.82	4.17	3.23	2.713	1.436
1.60V/cell	60.2	44.8	36.1	27.7	20.1	16.24	10.01	7.67	6.14	4.98	4.26	3.26	2.743	1.444

Constant Power Discharge Table (25°C/77°F) Unit: W

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	63.2	53.3	45.8	37.8	28.8	24.32	15.62	12.41	10.11	8.18	7.19	5.78	4.945	2.753
1.80V/cell	79.8	63.5	53.5	44.0	33.3	27.03	16.92	13.31	10.71	8.74	7.69	6.12	5.235	2.773
1.75V/cell	86.3	68.5	57.0	45.3	34.2	28.23	17.52	13.51	10.91	8.94	7.87	6.21	5.275	2.803
1.70V/cell	92.0	72.2	59.4	46.9	35.5	29.03	18.12	13.81	11.21	9.15	8.03	6.29	5.325	2.853
1.67V/cell	98.4	76.2	62.7	49.0	36.0	29.73	18.52	14.31	11.51	9.37	8.18	6.38	5.425	2.883
1.60V/cell	104.4	80.1	66.0	51.5	37.3	30.63	19.12	14.71	11.81	9.65	8.33	6.42	5.475	2.893

☐ 动力电池

■ 储能电池

■ 备用电池

☐ 摩托车电池



阀控式免维护AGM电池-长寿命系列

TNL12-26

(12V 26Ah)

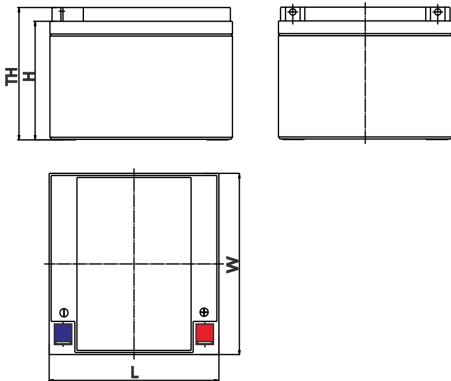
产品特点

- ◆ 阀控式免维护设计，寿命期间无需加水或加酸
- ◆ 专利稀土合金板栅，减少气体产生，自放电率低，抗腐蚀能力出众
- ◆ 电池寿命长，自放电率低具有高可靠性，深放电恢复能力出色
- ◆ 高质量AGM隔板：防止微短路，延长循环寿命
- ◆ ABS壳盖：电池外壳强度高（阻燃壳体UL94-V0可选）

尺寸

单个尺寸

长	166±2mm
宽	175±2mm
高	125±3mm
总高	125±3mm



产品应用

- ◆ 不间断电源(UPS)
- ◆ 通信和电力设备
- ◆ 紧急照明设备
- ◆ 火灾报警及安防系统
- ◆ 机器人、控制设备及其他机械自动化设备
- ◆ 应急电源系统
- ◆ 便携式音频设备
- ◆ 电动工具，割草机，真空吸尘器
- ◆ 照相设备
- ◆ 便携式测量工具
- ◆ 便携式通话设备
- ◆ 各式电动玩具及娱乐设施
- ◆ 照明设备

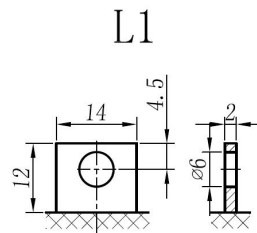
端子类型

单位:mm

端子类型 L1

重量

8.4kg 18.57lbs



ISO9001 ISO14001 OHSAS18001

内容如有改动，恕不另行通知

动力电池

储能电池

备用电池

摩托车电池



TNL12-26

规格书

额定电压	12V	
容量(25°C)	28Ah	20hr Rate(1.80V/cell)
	26Ah	10hr Rate(1.80V/cell)
	23Ah	5hr Rate(1.75V/cell)
	21Ah	3hr Rate(1.70V/cell)
	16Ah	1hr Rate(1.60V/cell)
壳体材料	ABS (阻燃ABS壳体可选)	
使用温度范围	放电	-20 ~ +50°C
	充电	0 ~ +40°C
	储存	-15 ~ +40°C
不同温度下 电池容量系数	40°C / 104°F	106%
	25°C / 77°F	100%
	0°C / 32°F	86%
	-10°C / 14°F	65%
充电	浮充电压	2.23 -2.27V/单格@25°C, 温度补偿系数: -3mV/单格/°C
	均充电压	2.35 -2.40V/单格@25°C, 温度补偿系数: -3mV/单格/°C
	循环使用电压	2.40 -2.50V/单格@25°C, 温度补偿系数: -5mV/单格/°C
最大充电电流	7.8A (0.3C)	
最大放电电流 (5S)	390A	
电阻	12mΩ	
自放电	<3%, TN系列储存在25°C 时需每6个月进行一次补充充电, 环境温度更高时则充电间隔时间越短	

放电性能

恒电流放电表 (25°C/77°F) 单位: A														
F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	33.5	28.0	23.9	19.5	14.9	12.59	8.01	6.34	5.14	4.15	3.63	2.90	2.452	1.366
1.80V/cell	42.9	33.8	28.2	23.0	17.4	14.01	8.74	6.82	5.49	4.46	3.89	3.08	2.603	1.379
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1.60V/cell	60.2	44.8	36.1	27.7	20.1	16.24	10.01	7.67	6.14	4.98	4.26	3.26	2.743	1.444

恒功率放电表 (25°C/77°F) 单位: W														
F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	63.2	53.3	45.8	37.8	28.8	24.32	15.62	12.41	10.11	8.18	7.19	5.78	4.945	2.753
1.80V/cell	79.8	63.5	53.5	44.0	33.3	27.03	16.92	13.31	10.71	8.74	7.69	6.12	5.235	2.773
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1.60V/cell	104.4	80.1	66.0	51.5	37.3	30.63	19.12	14.71	11.81	9.65	8.33	6.42	5.475	2.893