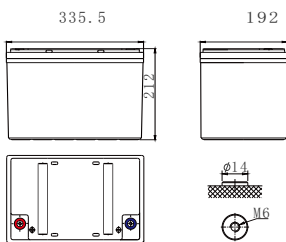


TNET12-125 [12V125Ah]



Product Features

↑40% Cycle Life 400~500 Cycle Times @100%DOD, 40°C

95% Charging Efficiency Optimized active material ratio	0% Maintenance AGM VRLA Tech	↓30% Charging Time Special Negative formula	↓10% Water Loss Ratio Upgraded design of alloy grid
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Physical Specification

Model	Dimensions (mm/inch)				Weight (kg/lbs)	Terminal	Container
TNET12-125	Length	Width	Height	Total Height	37.0/81.6	M6	ABS UL94-HB (Optional: FR ABS UL94-V0)
	335.5/13.2	192/7.56	212/8.35	212/8.35			

Product Applications



Electric Tricycle



Wheelchair



Electric Motorcycle



E-scooter



Lift Truck



Low-speed EV



Sweeper

Product Specifications

Nominal Voltage	Rated Capacity 25°C/77°C	Operating Temp. Range	Capacity Effected Temp	Capacity vs Storage Time
12V	125Ah 20hr Rate (1.80V/cell) 113Ah 10hr Rate (1.75V/cell) 106Ah 5hr Rate (1.75V/cell) 100Ah 3hr Rate (1.75V/cell)	Discharge: -15~50°C (5~122°F) Charge: 0~45°C (32~113°F) Storage: -15~40°C (5~104°F) Recommend : 0~42°C (32~108°F)	40°C (104°F):106% 25°C (77°F):100% 0°C (32°F):85% -15°C (5°F):72%	Three months : 90% Six months : 80% Nine months : 60%

Constant Current Discharge (A)@25°C (77°F)

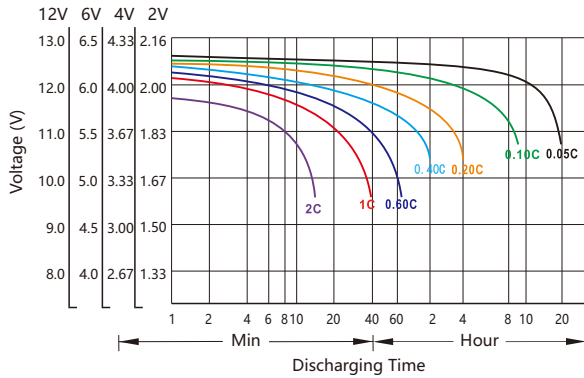
F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	134	95.5	76.5	43.8	31.0	24.5	20.0	17.0	13.1	10.8	6.04
1.80V/cell	139	98.3	78.9	45.3	32.1	25.2	20.8	17.6	13.5	11.0	6.25
1.75V/cell	143	102	81.8	48.1	33.3	26.1	21.2	18.0	13.9	11.3	6.37
1.70V/cell	146	105	84.6	48.9	34.1	27.0	22.1	18.9	14.2	11.5	6.51
1.68V/cell	149	108	87.6	49.4	34.5	27.2	22.6	19.0	14.5	11.7	6.57
1.60V/cell	153	111	89.4	51.1	35.7	28.1	23.1	19.6	14.9	12.1	6.62

Constant Power Discharge (W/cell)@25°C (77°F)

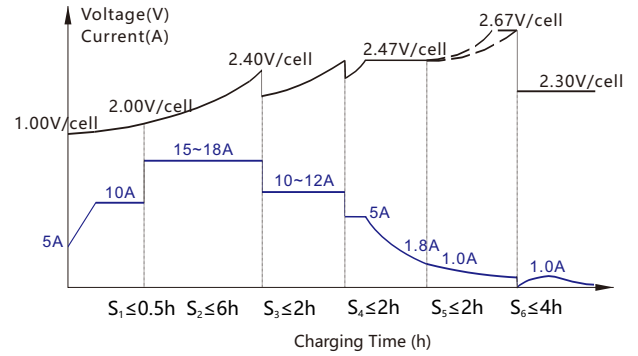
F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	262	188	151	87.2	62.1	49.3	40.3	34.4	26.6	21.8	12.3
1.80V/cell	270	193	155	89.9	64.2	50.5	41.7	35.5	27.2	22.3	12.7
1.75V/cell	276	199	161	95.3	66.3	52.1	42.5	36.1	27.9	22.7	12.9
1.70V/cell	281	203	165	96.2	67.4	53.6	44.0	37.7	28.4	23.1	13.1
1.68V/cell	285	208	170	96.7	67.8	53.8	44.7	37.6	28.8	23.3	13.1
1.60V/cell	290	213	172	99.1	69.6	54.9	45.3	38.4	29.3	23.9	13.2

Electrical Characteristics

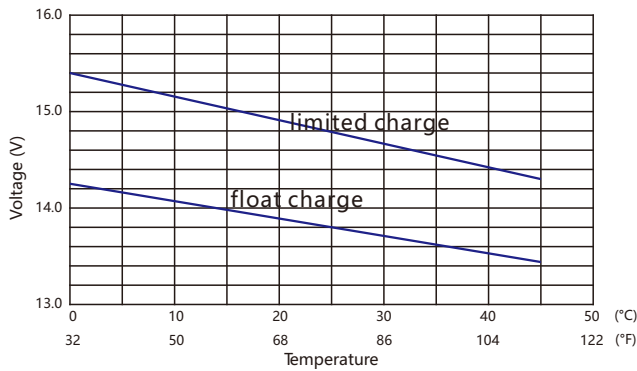
Discharging Characteristics@25°C(77°F)



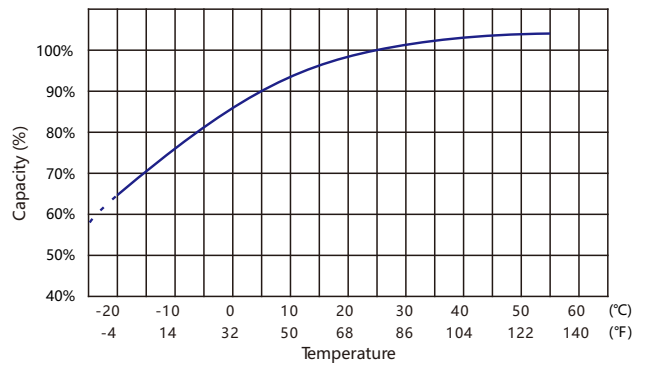
Charging Characteristics@25°C(77°F)



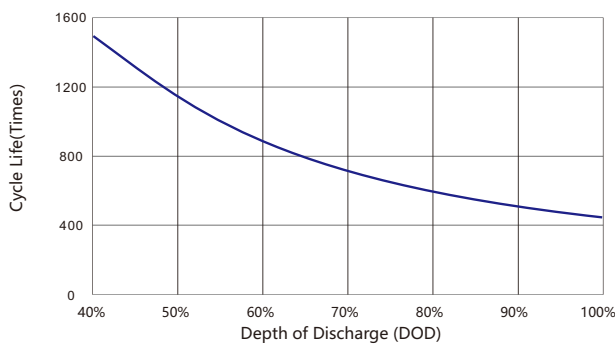
Charging Voltage vs Temperature



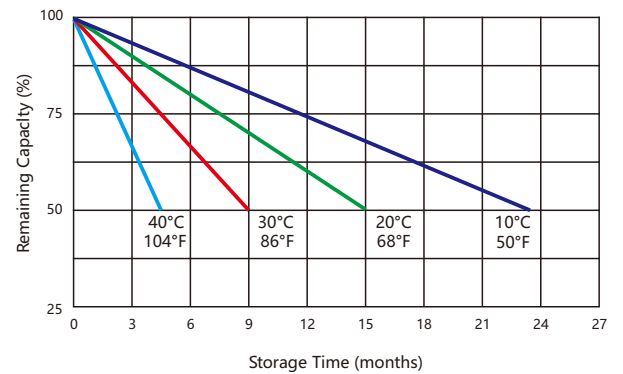
Capacity vs Temperature



Cycle Life vs Depth of Discharge@40°C(104°F)



Self-discharge vs Time



Usage and Maintenance

Limited Current	Limited Voltage	Float Voltage
Limited current : ≤0.3C ₅ A	14.75~14.85V@25°C(77°F) Temp.Coefficient: -24mV/°C	13.7~13.9V@25°C(77°F) Temp.Coefficient: -18mV/°C

Precautions

1. Different from flooded battery, the product is a valve-controlled seal design that does not require the addition of water for maintenance.
2. Please use the original charger, you can not use the flooded battery charger or other unmatched charger.
3. Load conditions is recommended: no more than 5 people (75kg / person), including driver.