

TNET Series

Motive Battery-Deep Cycle High Temperature Series



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

Product Applications



Electric Tricycle



Wheelchair



Electric Motorcycle



E-scooter



Lift Truck



Low-speed EV



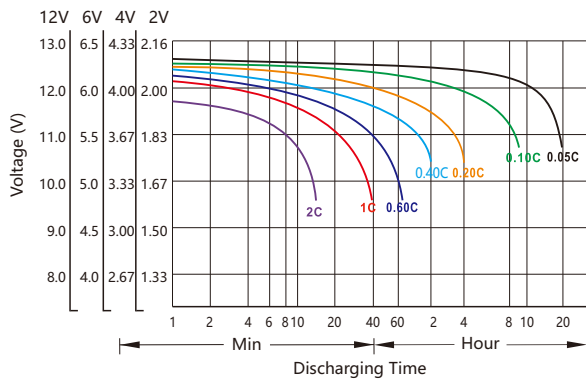
Sweeper

Physical Specification

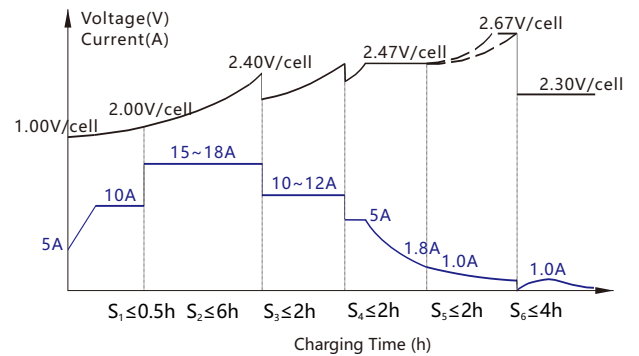
S/N	Model	Nominal Voltage (V)	Nominal Capacity C ₅ (Ah) 1.75Vpc/25°C	Nominal Capacity C ₁₀ (Ah) 1.75Vpc/25°C	Nominal Capacity C ₂₀ (Ah) 1.75Vpc/25°C	Dimension (mm)				Weight (Kg)	Terminal
						L	M	H	TH		
1	TNET12-100	12	85	90	100	335.5	163	212	212	31.0	M6
2	TNET12-125	12	106	113	125	335.5	192	212	212	37.0	M6

Electrical Characteristics

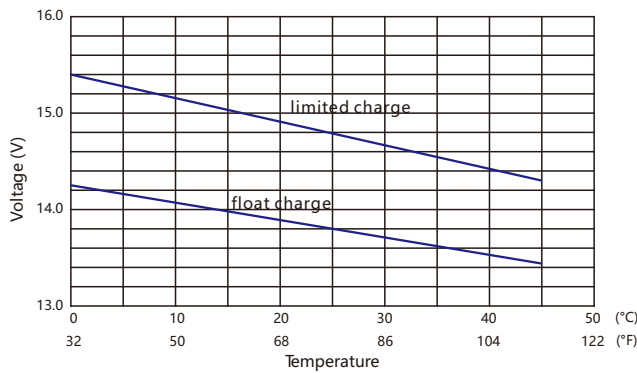
Discharging Characteristics@25°C(77°F)



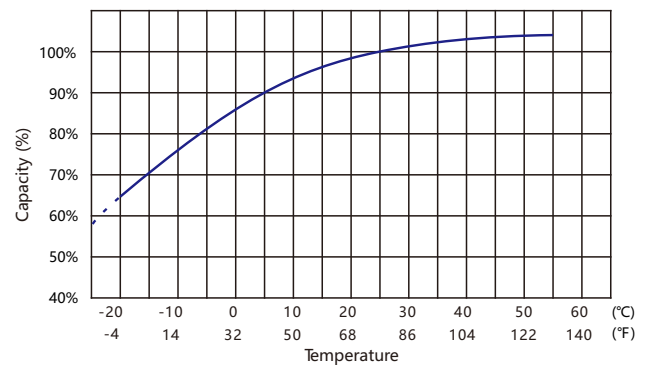
Charging Characteristics@25°C(77°F)



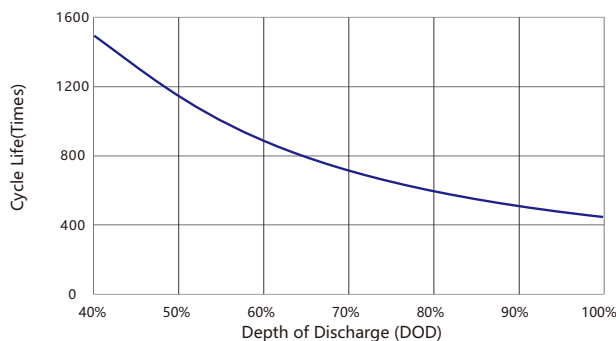
Charging Voltage vs Temperature



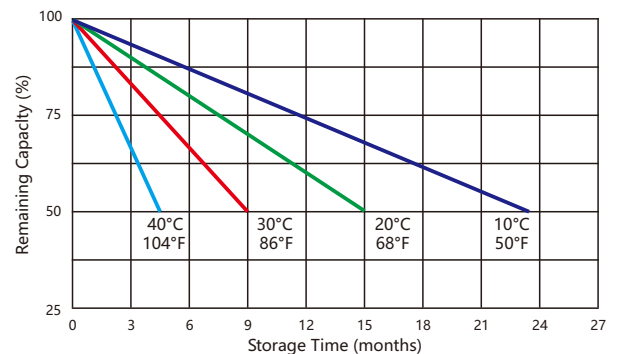
Capacity vs Temperature



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: $\leq 0.3C_A$	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.