

TNEP Series

Motive Battery-Deep Cycle long life Series



Product Features

Deep Cycle Long Life Series			400~600 Cycle Times @100%DOD		
Carbon Fiber	Capacity	Rare-earth alloy			
↑15% Discharge Power Positive CaEE rbon Fiber	↑10% Improve the content and utilization of active substances、 Direct Bar-welding	↓50% Grid Corrosion Rare-earth patent alloy			

Product Applications



Kid's Electric Bike



Electric Motorcycle



E-scooter



Electric Tricycle



Wheelchair



Sweeper

Physical Specification

S/N	Model	Nominal Voltage (V)	Nominal Capacitu C ₅ (Ah) 1.75Vpc/25°C	Nominal Capacitu C ₁₀ (Ah) 1.75Vpc/25°C	Nominal Capacitu C ₂₀ (Ah) 1.80Vpc/25°C	Dimension (mm)				Weight (Kg)	Terminal
						L	M	H	TH		
1	TNEP6-220	6	180	200	220	260	180	245	251	32.0	I7
2	TNEP6-260	6	240	250	260	260	180	270	275	36.0	I7
3	TNEP12-16	12	14.5	15.3	16	151	99	98	103	4.3	T2-1
4	TNEP12-28	12	24	26	28	181	77	170	175	6.8	I10
5	TNEP12-41	12	37	39	41	267	77	170	175	10.0	I10
6	TNEP12-48	12	43	45	48	198.5	166	169.5	169.5	14.0	I3
7	TNEP12-60	12	49	53	60	229	138.5	211	216	16.3	I3
8	TNEP12-66	12	59	61	66	229	138.5	211	216	18.2	I3

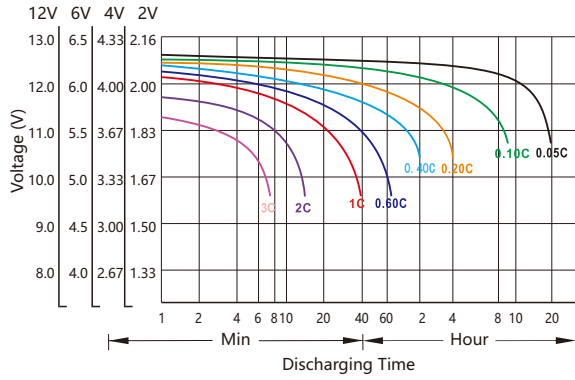
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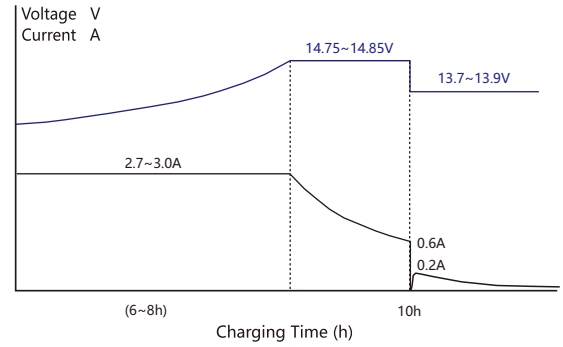


Electrical Characteristics

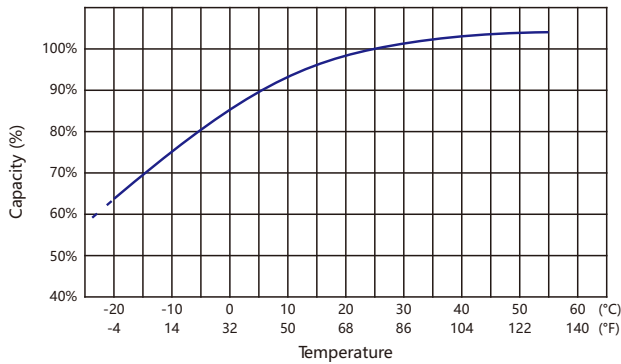
Discharging Characteristics@25°C(77°F)



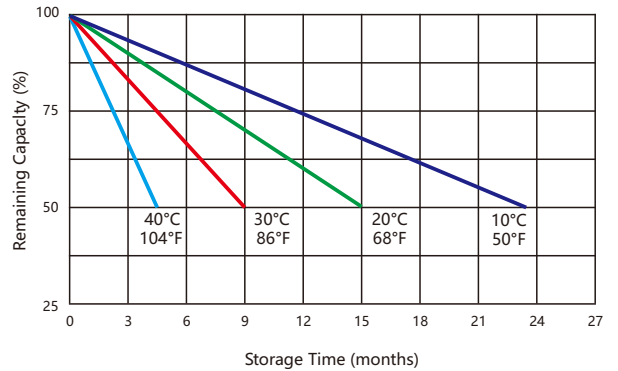
Charging Characteristics@25°C(77°F)



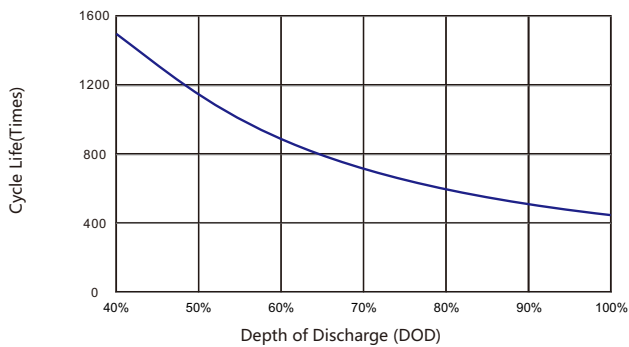
Capacity vs Temperature



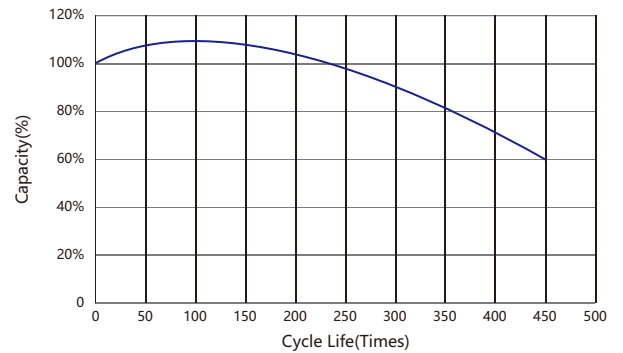
Self-discharge vs Time



Cycle Life vs Depth of Discharge@25°C(77°F)



Cycle Life vs Remaining Capacity@25°C(77°F)



Usage and Maintenance

Limited Current	Limited Voltage	Limited Voltage
Limited current: $\leq 0.12CA$	14.75~14.85V@25°C(77°F) Temp.Coefficient: -24mV/°C	13.7~13.9V@25°C(77°F) Temp.Coefficient:-18mV/°C