

PB ULTRA 12-50 AGM [12V50Ah]



Product Features

Deep Cycle Long Life Series 400~600 Cycle Times @100%DOD



↑10% Capacity Improve the content and utilization of active substances, Direct Bar-welding	Carbon Fiber	Rare-earth alloy
	↑15% Discharge Power Positive Carbon Fiber	↓50% Grid Corrosion Rare-earth patent alloy

Product Applications



Electric Tricycle



Low-speed EV



Golf cart



Electric four-wheel



Wheelchair



Sweeper



Electric Forklift



Lift Truck



Water Scooter

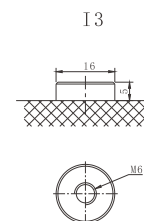
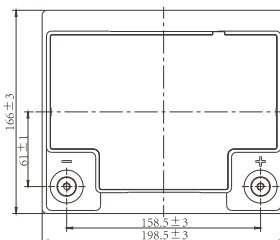
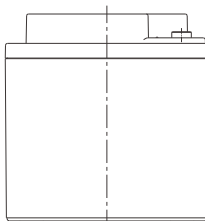
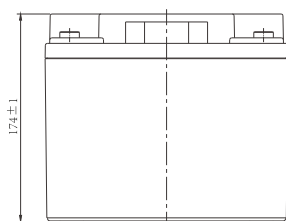


Snowmobile

Physical Specification

Model	Dimensions (mm/inch)				Weight(kg/lbs) ±3%	Terminal	Container
TNEP12-50	Length	Width	Height	Total Height	13.9/30.65	I3	ABS UL94-HB (Optional: FR ABS UL94-V0)
	198.5/7.81	166/6.54	174/6.85	174/6.85			

Battery Dimensions(mm)



Product Specifications

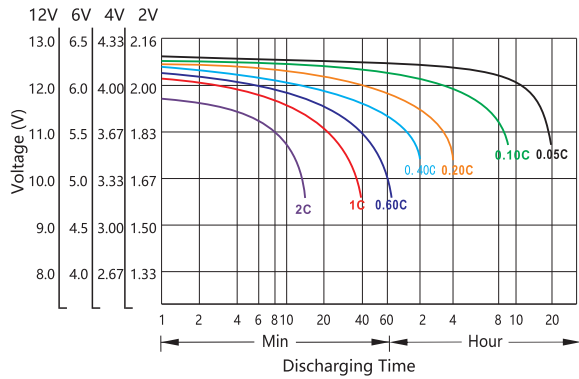
Nominal Voltage	Rated Capacity25°C/77°F	Operating Temp.Range	Capacity Effected Temp	Capacity vs Storge Time (25°C/77°F)
12V	50Ah 20hr Rate (1.80V/cell)	Discharge:-15°C~50°C (5°F~122°F)	40°C (104°F):106%	Three months : 90% Six months : 80%
	45Ah 10hr Rate (1.75V/cell)	Charge:0°C~40°C (32°F~104°F)	25°C (77°F):100%	
	43Ah 5hr Rate (1.75V/cell)	Storage:-15°C~40°C (5°F~104°F)	0°C (32°F):85%	
	41Ah 3hr Rate (1.75V/cell)	Optimum:25°C±2°C (77°F±5°F)	-15°C (5°F):72%	

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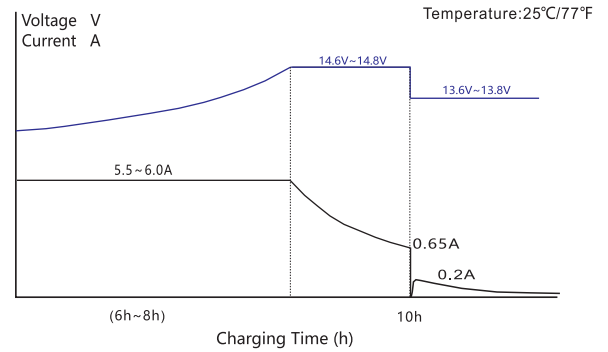


Electrical Characteristics

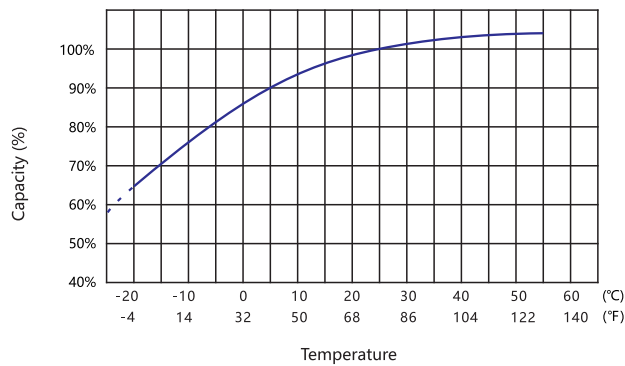
Discharging Characteristics@25°C(77°F)



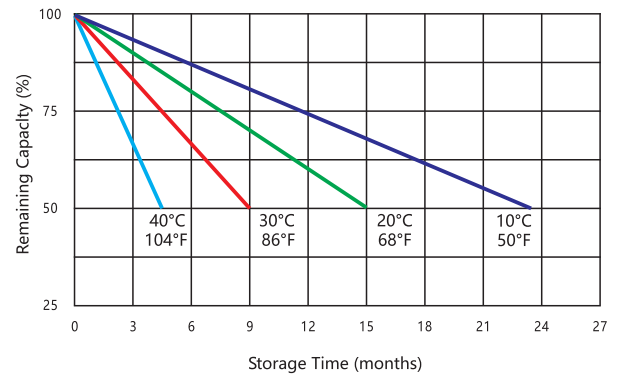
Charging Characteristics@25°C(77°F)



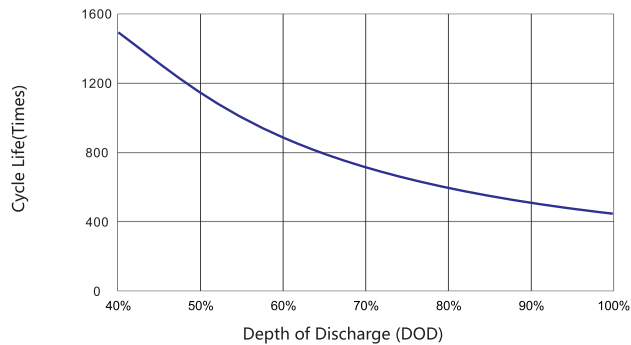
Capacity vs Temperature



Self-discharge vs Time



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



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

