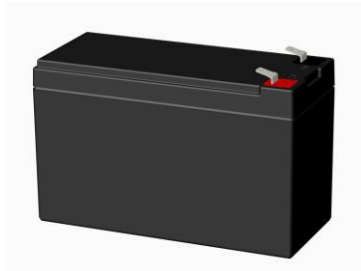


Lead-acid Battery

PROSE Lead acid battery is floating charge batteries with a designed life of 10 years. It meets IEC standard. Adopt the latest AGM valve control technology and high purity raw materials, the battery has a reliable standby.



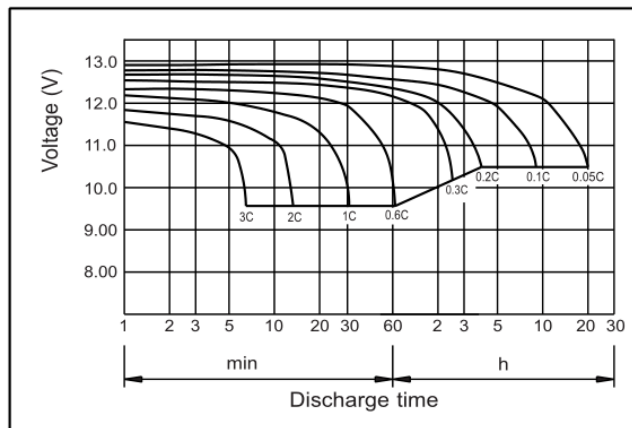
Be applicable to UPS / EPS / Emergency light / Security System / Toy / Medical etc.

Characteristic

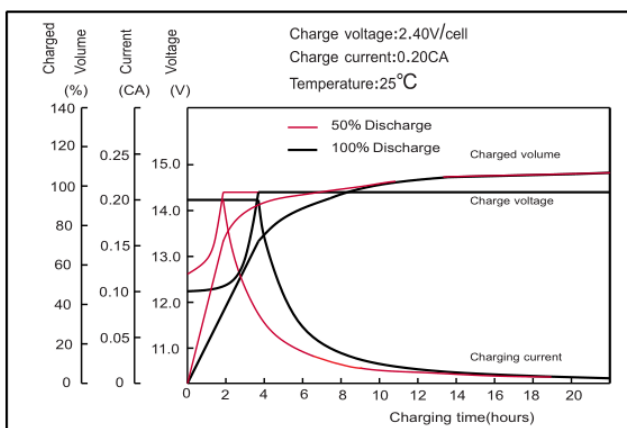
- Long design life: (25°C) : 10 years
- Lower self-discharge rate: $\leq 3\%$ /month
- Good high-rate discharge performance.
- High sealing reaction efficiency: $\geq 99\%$.
- Wide range of operating temperatures: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$.
- Structure: Compact design, shorter internal batteries connect the machine (So the internal resistance is low).
- Electrode plates: Paste type.
- Terminal blocks: Two or more types of terminal blocks are provided.
- Diaphragms: Improved AGM diaphragms are used for lower internal resistance and higher assembly pressure to increase cycle life.
- Battery case: Made from high strength ABS (UL94-HB), UL94-V0 is also available.
- Terminal seal: History of dual seal technology (mechanical + epoxy adhesive).

Battery curve specification

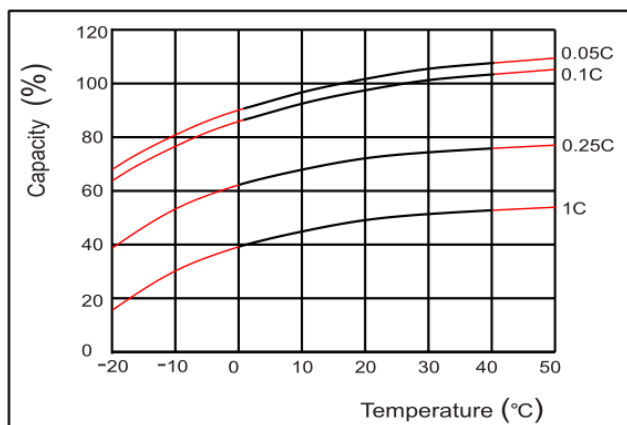
Discharge characteristic(25°C)



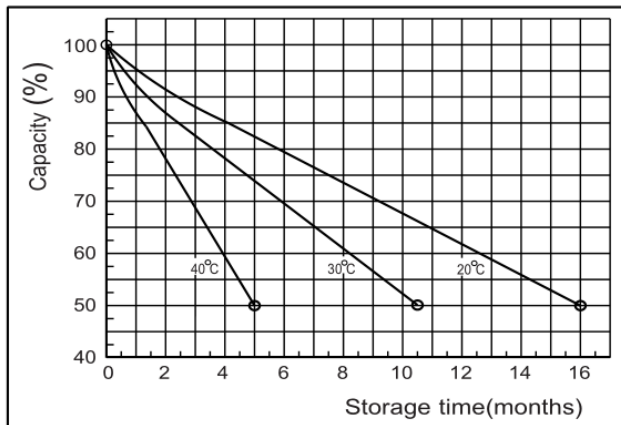
Charging characteristic(25°C)



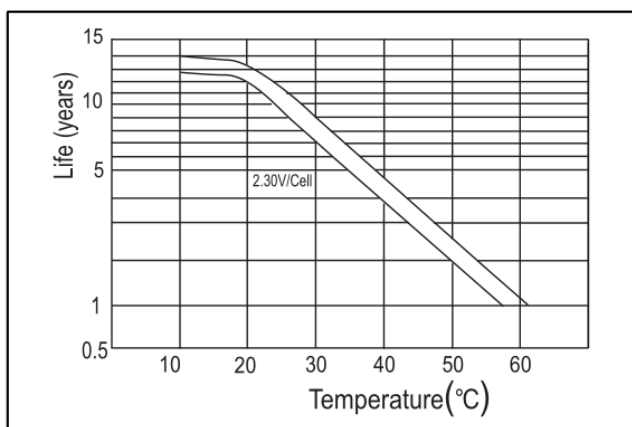
Effect of temperature on capacity



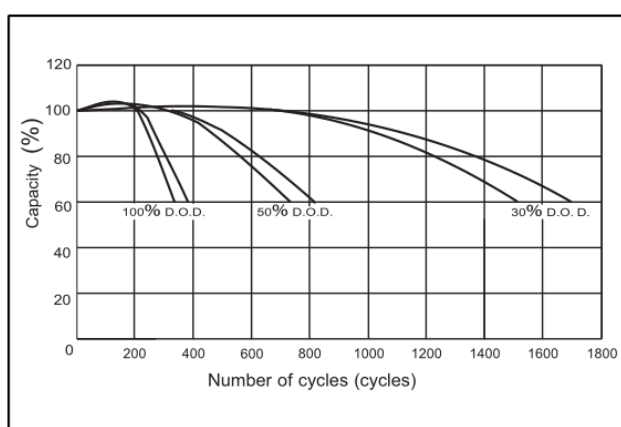
Self-discharge characteristic



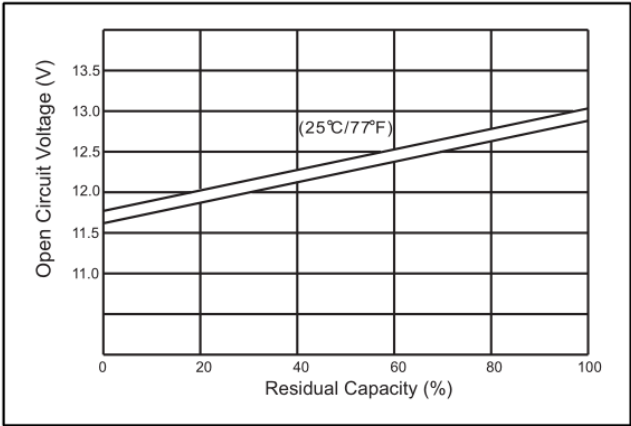
Temperature floating life



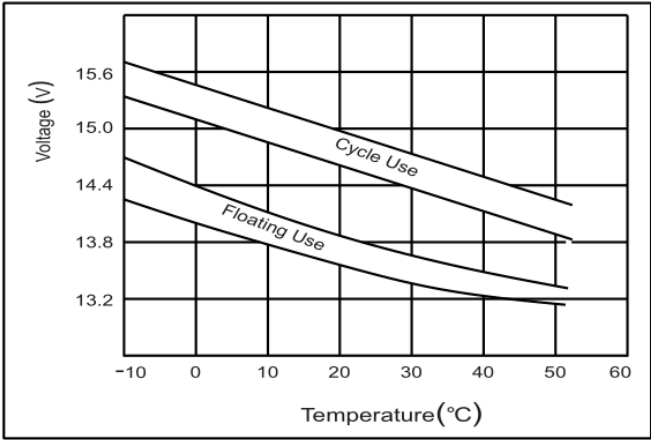
Cycle life of D.O.D(25°C)



Relationship between OCV and capacity(25°C)



The relationship between charging voltage and temperature



Battery Box
PHRX11BAT16-192VDC-9AH



Technical Parameters

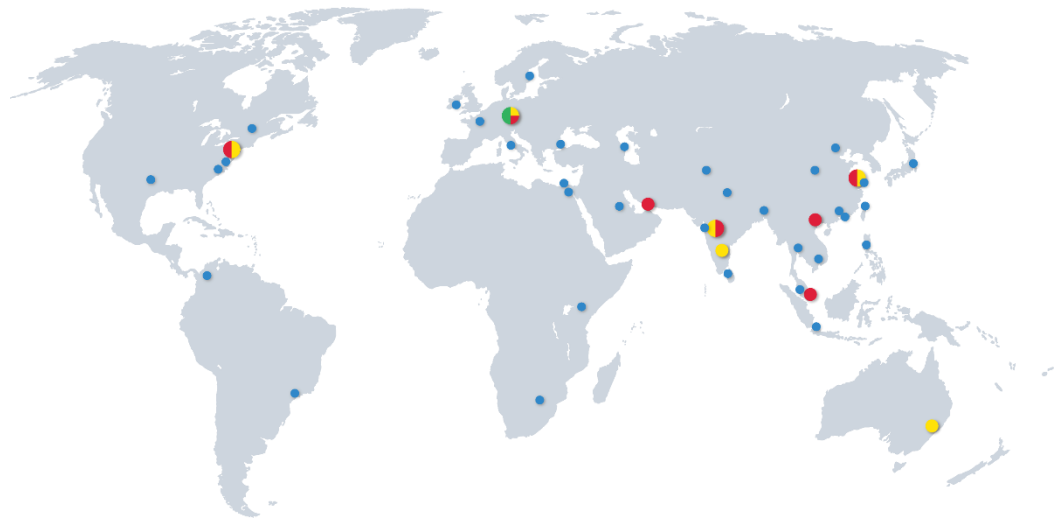
No.	Rated Voltage	Rated Capacity	Dimensions(mm)				Appr.Weight	Terminal Type
	DC(V)	AH/20HR	L	W	H	Total H	(kg)	
1	12	9	151+/-2	65+/-2	93.5+/-2	99.5+/-2	2.52	T1/2

Battery Rack



Battery box	
Battery capacity	DC12V 9AH
Battery qty	16PCS/Box
UPS to battery voltage	192Vdc
Battery Rack depth x width x height (mm)	438×750×88
Battery Rack qty	1 set
Battery switch	40A/2P
Machine (Kg)	60.3kg/box

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