

KBHR1290 12V 9.0Ah



The Kaise HR batteries were specially designed for applications that demand a very high energy output. With an optimized design of the grids and an excellent formula for pasting the plates, the HR series can deliver up to 40% more than the standard series.

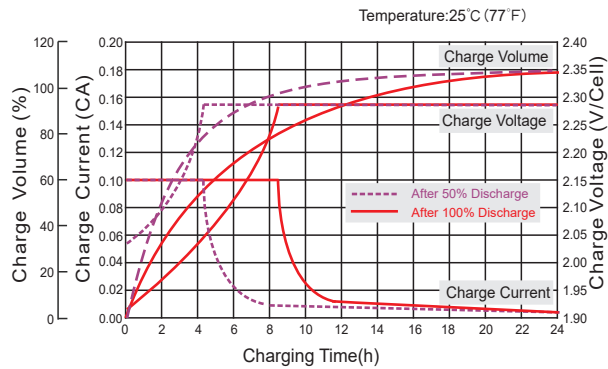
Performance Characteristics

Nominal Voltage	12V	
Dimensions	Length (mm / inch)	151±1/ 5.94
	Width (mm / inch)	65±1/ 2.56
	Height (mm / inch)	94±1 / 3.70
	Total Height (mm / inch)	100±1 / 3.94
Approx Weight	(Kg / lbs)	2.45 / 5.40
Design Life	6~8 years	
Terminal	F2	
Container Material	A.B.S. UL94-HB, UL94-V0 Optional	
Rated Capacity	C20	9.0Ah
	C10	8.5Ah
Max. Discharge Current	90A (5s)	
Internal Resistance	≤22.0 mΩ(Full Charge Condition @25℃)	
Operating Temp. Range	Discharge : -20 ~ 60℃ (-4 ~ 140°F)	
	Charge : 0 ~ 50℃ (32 ~ 122°F)	
	Storage : -20 ~ 60℃ (-4 ~ 140°F)	
Nominal Operating Temp. Range	25 ± 5℃	
Max. Charging Current	2.7 A	
Cycle Use	Voltage: 14.6V ~ 14.8V at 25℃ (77°F)	
	Temp. Coefficient: -4mV/°C	
Standby Use	Voltage: 13.7V ~ 13.9V at 25℃ (77°F)	
	Temp. Coefficient: -3mV/°C	
Capacity affected by Temperature	40℃ (104°F)	103%
	25℃ (77°F)	100%

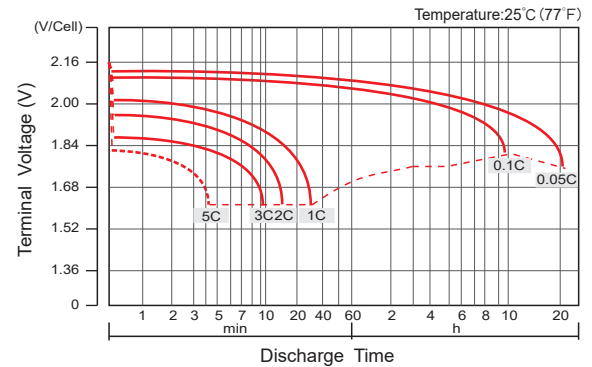
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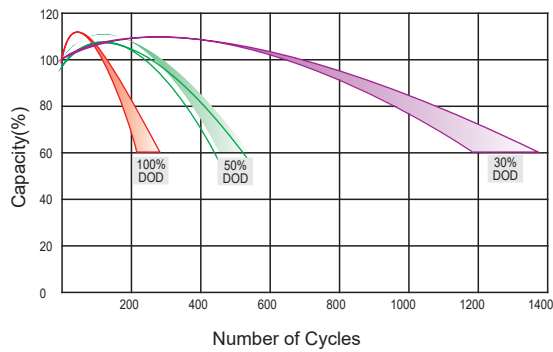
Charge Characteristic Curve For Standby Use(IU)



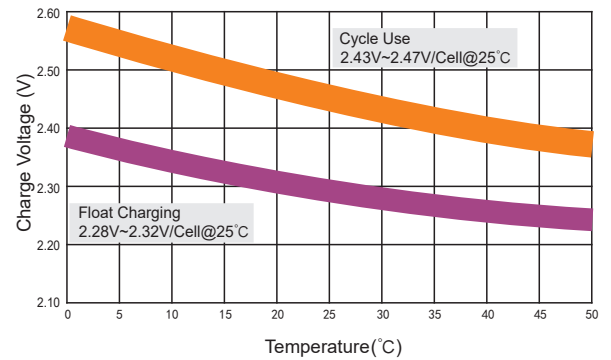
Discharge Characteristics Curve



Cycle Life In Relation To Depth Of Discharge



Relationship Between Charging Voltage And Temperature



Relationship of OCV And State of Charge(20°C)

