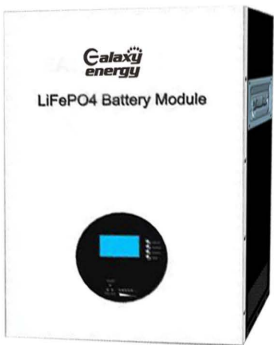


Wall mount series



Product features:

Larger capacity supply equipment cabinet

No active cooling system is required

High operational reliability

They live for more than 6 years at + 25°C

Optimal management

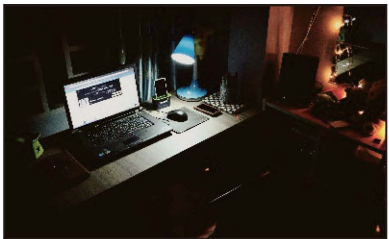
In line with the RoHS

Applicable field:

Communication basic station, data center, communication outdoor cabinet,

Solar hybrid power system, home energy storage system

Application scenarios

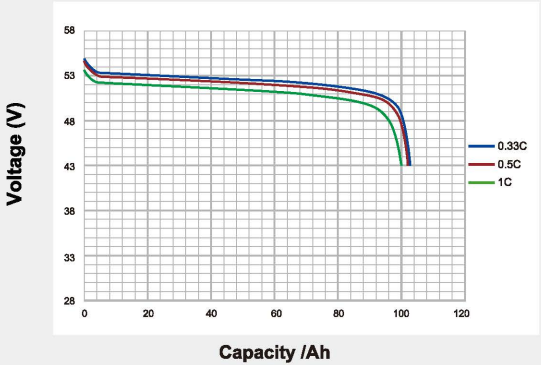


Product parameters

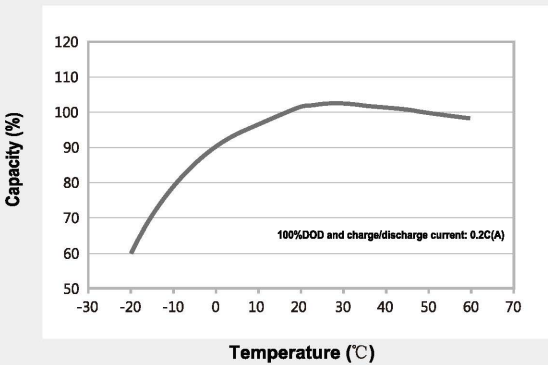
	MODEL	GE48100	GE48100
Electrical Characteristics	Rate voltage(Vdc)	48	51.2
	Rate capacity(AH)	100	100
	Energy storage(KWH)	4.8	5.12
	Cycle life	At 85% DOD morethan2000cycles	
	Months self dis charge	≤2%	
	Efficiencyof charge	100% at 0.2C	
Standard Charge	Efficiencyof dis charge	96~99% at 1C	
	EqualizedCharge voltage	54VDC	57.6Vdc
	Float Charge Voltage	52VDC	56Vdc
	Charge mode	0.2C to 54.75V, then 54.75V charge	0.2C to 58.4V, then58.4V charge current to 0.02C
	Charge current(A)	20	20
	Max. Charge current(A)	100	100
StandardDis charge	Charge cut-off voltage(VDC)	54.75	58.4
	Contiunous current(A)	100	100
	Discharge cut-off voltage(VDC)	42	44.8
Environmental	Charge temperature	0℃ to 45℃ (32F to 113F) @60±25% RelativeHumidity	
	Dis charge temperature	-20℃ to 60℃ (-4F to 140F) @60±25% RelativeHumidity	
	Storage temperature	0℃ to 40℃ (32F to 104F) @60±25% RelativeHumidity	
Mechanical	IP class	IP20	
	Materialsystem	NMC	
	Case material	Mental	
	Pack DimensionsL*W*H(mm)	555*390*150	
	Package DimensionL*W*H(mm)	690*493*252	
	Net Weight(kg)	44	
	Across Weight(kg)	46	
	Termial	M6	
	Protoco(IOptiona)l	CAN Bus/RS 485/RS 232	
	SOC (Optiona)l	LED/LCD	

Characteristic Curves

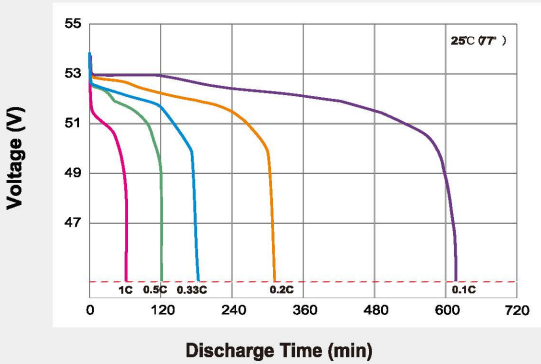
Discharge Capacity in relation to Discharge Rate



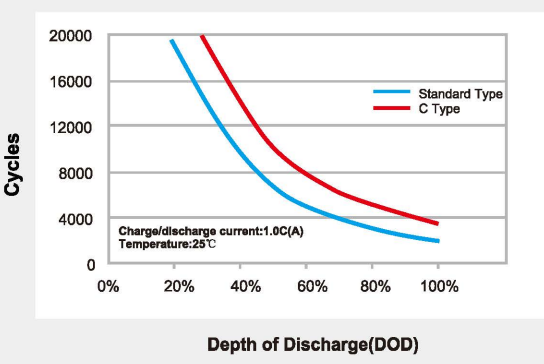
Temperature Effect in relation to Battery Capacity



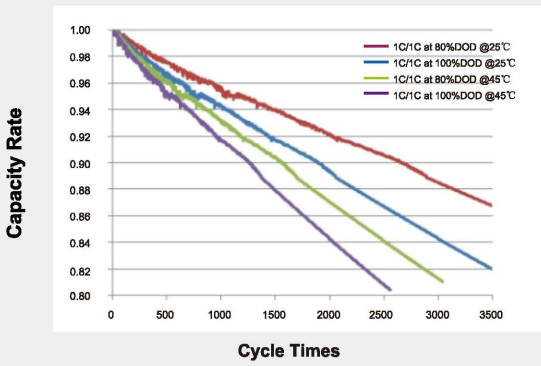
Discharge Time in relation to Discharge Rate



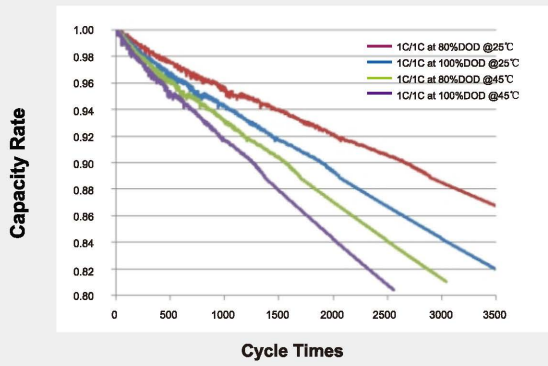
Depth of Discharge in relation to Cycle Life



Cycle Curves at different DOD & Temp of C Type



Cycle Curves at different DOD & Temp of C Type



verload protection	Temperature protection	Short circuit protection	Batteries to protect
The overcharge protection	Put protection	Over current protection	Over voltage protectionO

MA AL CNAS UN38.3 CE GQC

本产品符合GB/T 31486-2015 GB/T 31485-2015标准要求