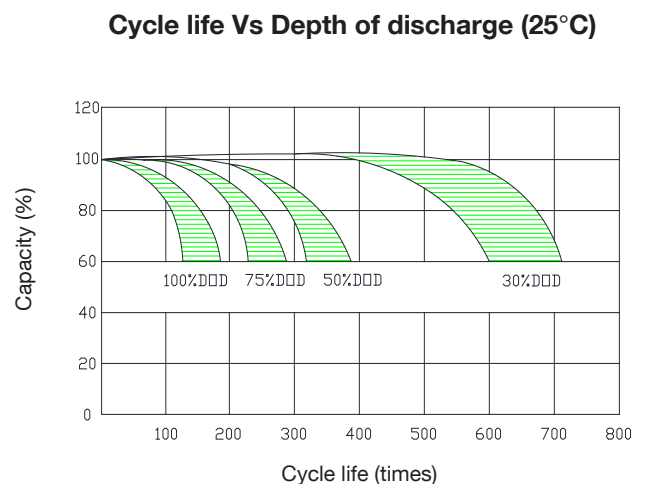
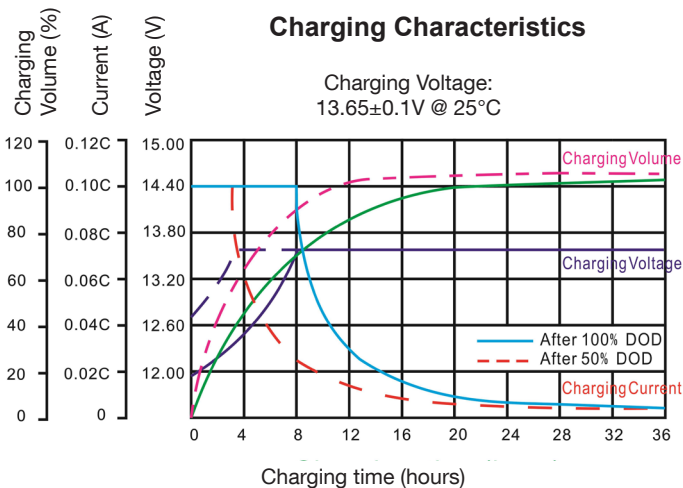


CHARACTERISTICS			
Nominal Voltage		12V	
Nominal Capacity (20 hour rate)		120Ah	
Capacity 25°C	10 hour rate (9.2A)	112Ah	
	5 hour rate (17A)	98Ah	
	1 hour rate (55.4A)	67.5Ah	
Internal Resistance	Full Charged Battery 25°C	≤4.5mΩ	
Capacity affected by Temperature (10 hour)	40°C	103%	
	25°C	100%	
	0°C	86%	
	-15°C	65%	
Self-Discharge 25°C Capacity	after 3 month storage	90%	
	after 6 month storage	80%	
	after 12 month storage	62%	
Charge (Constant Voltage) 25°C	Float	Initial Charging Current Less than 24A, Voltage 13.6-13.8V	
	Cycle	Initial Charging Current Less than 24A, Voltage 14.4-14.7V	

PACKAGING		
Battery Dimensions	Length	330 ±3mm
	Width	173 ±2mm
	Height	212 ±2mm
	Total Height	220 ±2mm
Quantity Per Box	1 PC per box	
Net weight Per Box	34.2kg	
Gross Weight	34.8kg	

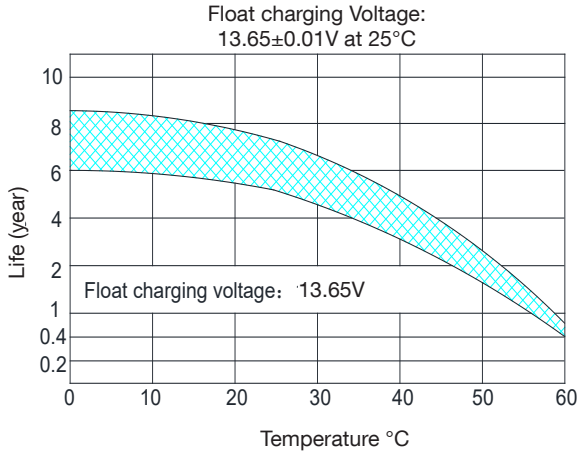
Discharge Constant Current per Cell (Amperes at 25°C)						
Time F.V/cell	30min	1h	2h	5h	10h	20h
1.60V	123.7	75.0	45.7	22.5	12.4	6.45
1.65V	122.1	74.0	45.1	22.3	12.43	6.41
1.70V	120.2	72.8	44.4	21.8	12.2	6.30
1.75V	117.8	71.4	43.5	21.4	12.1	6.24
1.80V	115.5	68.1	41.3	21.0	12.0	6.17

PERFORMANCE CHARACTERISTICS

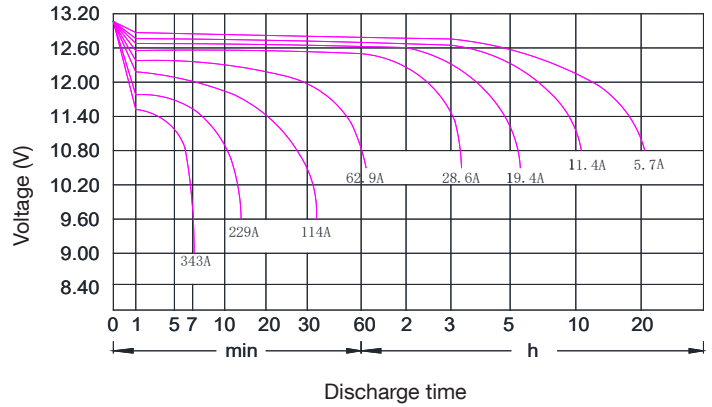


PERFORMANCE CHARACTERISTICS

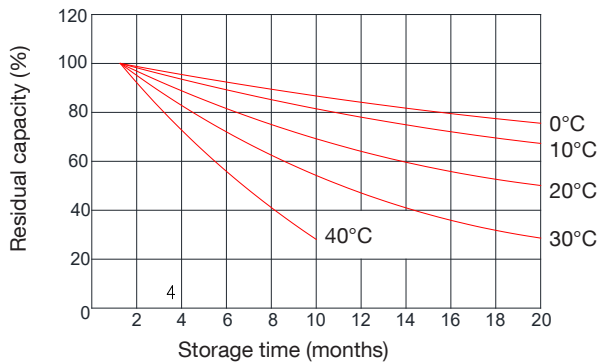
Temperature effect on designed float life



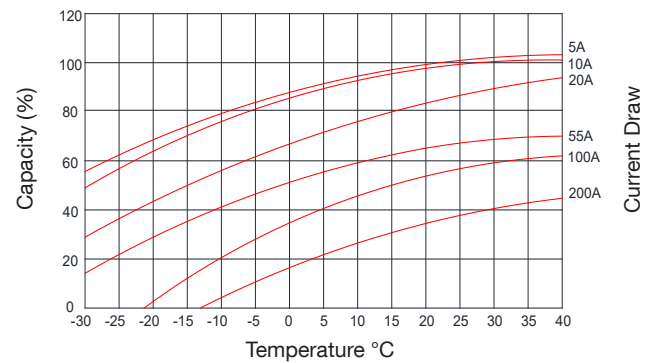
Discharge characteristics (25°C)



Temperature effect on battery self-discharge



Temperature effect on capacity



BATTERY CONSTRUCTION

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Si-Rubber	Copper	Fiberglass	Sulphuric acid

Note: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice. Contact R&J for the latest information.