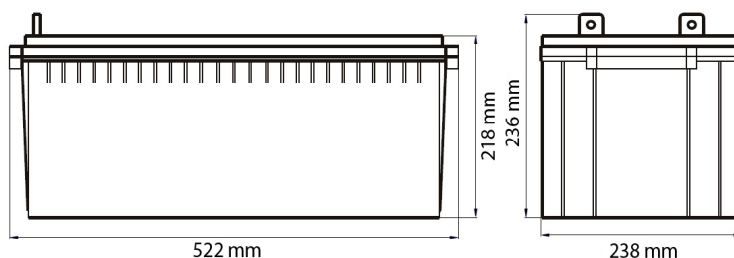
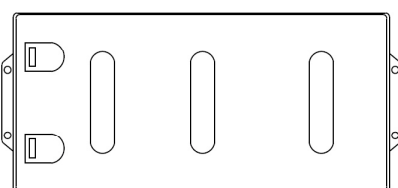
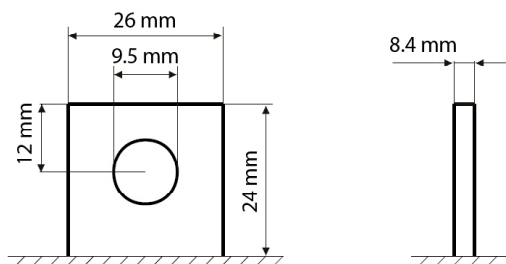


• Terminal Type

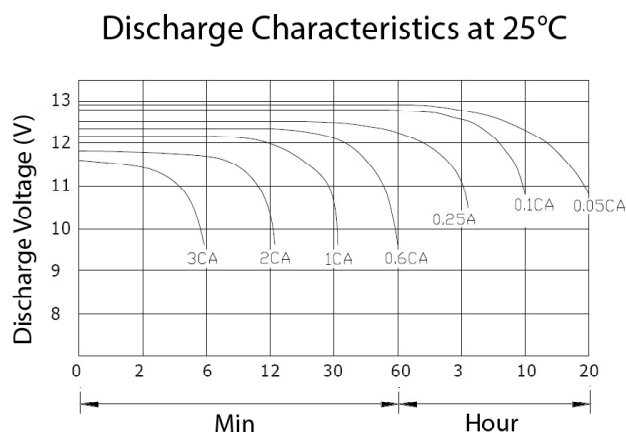
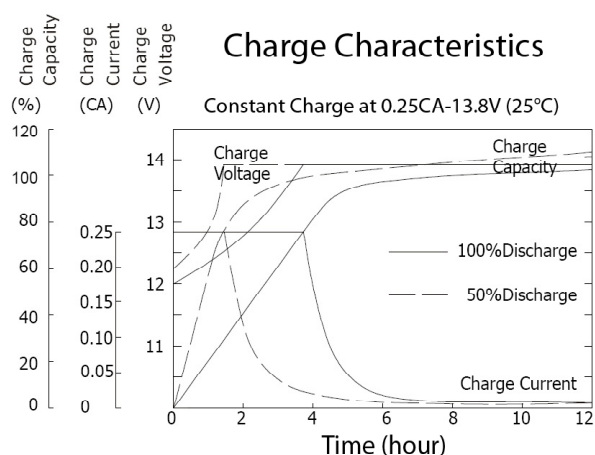


• Specifications

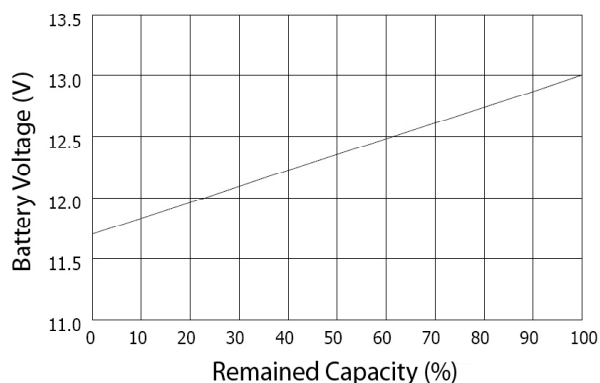
Battery Model	UL 200-12			
Designed Floating Life	10 Years			
Capacity (25°C)	20HR (10A, 1.75V)	10HR (20A, 1.75V)	5HR (37A, 1.75V)	1HR (138A, 1.75V)
	200 AH	200 AH	185 AH	138 AH
Dimensions	Length	Width	Height	Total Height
	522 mm	238 mm	218 mm	236 mm
Approximate Weight	61.0 kg			
Internal Resistance	Fully charged at 25°C: 0.0038 Ohm			
Self Discharge	3% of capacity declined per month at 25°C			
Capacity Affected	40°C	25°C	0°C	-15°C
by Temperature (20HR)	102%	100%	85%	65%
Charge Voltage (25°C)	Cycle use		Float use	
	14.4-14.8V (-30mV/°C), max. Current: 50A		13.6-13.8 (-20mV/°C)	

• Construction

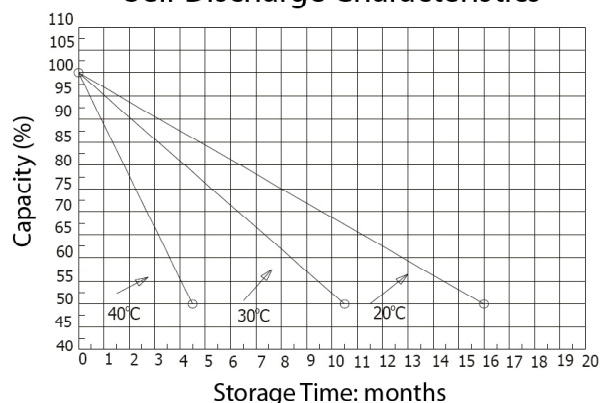
- Component - Raw material
- Positive - Lead dioxide
- Negative - Lead
- Container - ABS
- Cover - ABS
- Sealant - Epoxy Resin
- Safety valve - EPDR
- Terminal - Copper
- Separator - Fibre glass
- Electrolyte - Sulphuric acid
- ABS containers and covers - Flame Retardant optional
- Sealed and maintenance free option
- Non-spillable construction design



Relationship of OCV and the state of charge



Self Discharge Characteristics



- Constant Current discharge ratings - amperes at 25°C**

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60 V	788.0	484.0	366.8	223.6	120.2	61.5	36.8	20.4	11.2
1.67 V	732.0	464.0	355.6	214.4	118.8	52.8	36.0	20.0	10.8
1.70 V	676.0	444.0	344.4	194.4	114.4	50.2	35.5	19.6	10.8
1.75 V	668.0	432.0	333.2	185.2	112.0	48.8	34.2	19.3	10.4
1.80 V	592.0	412.0	302.8	171.6	104.4	47.6	33.6	19.2	10.4
1.85 V	524.0	391.2	271.2	157.2	101.2	46.8	33.6	17.8	10.3

- Constant Power discharge ratings - watts at 25°C**

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60 V	1600.0	1040.0	800.0	464.0	260.0	101.2	68.8	38.8	20.4
1.67 V	1548.0	1016.0	788.0	456.0	257.2	100.8	68.4	38.8	20.4
1.70 V	1484.0	1000.0	768.0	448.0	254.4	100.0	68.4	38.5	20.1
1.75 V	1396.0	960.00	744.0	436.0	250.4	99.20	68.1	38.5	20.1
1.80 V	1212.0	888.00	712.0	424.0	242.4	97.20	67.3	37.8	19.8
1.85 V	1144.0	824.00	680.0	404.0	236.8	95.60	67.3	37.8	19.8