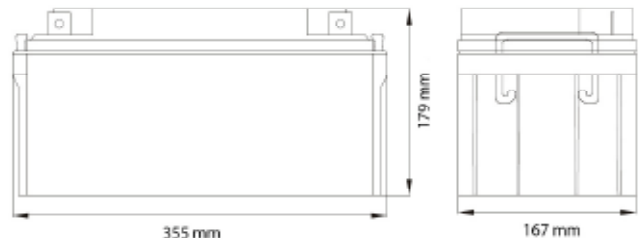
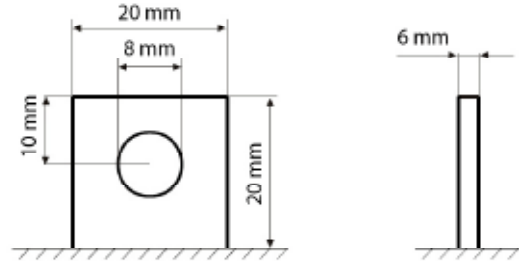


• Terminal Type

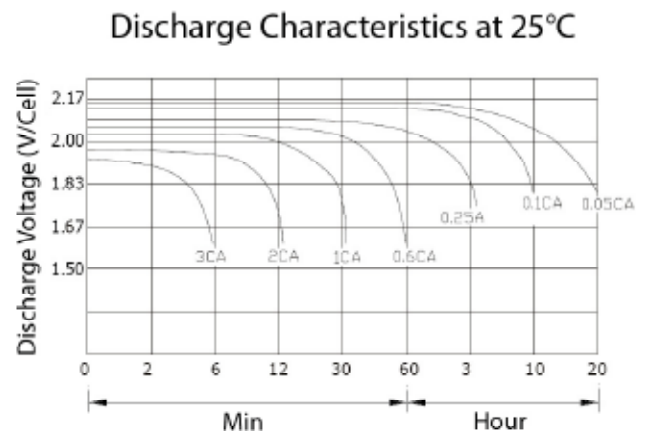
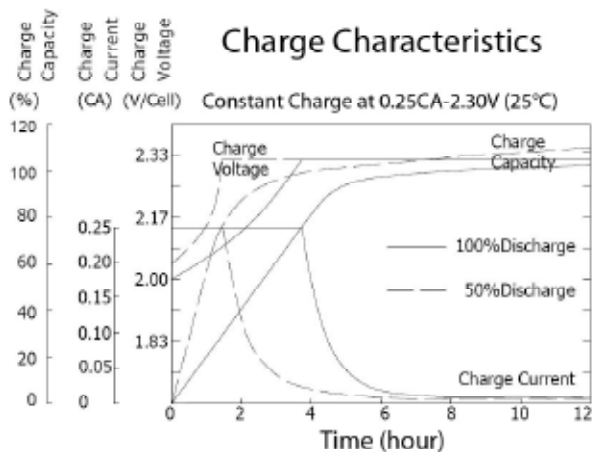


• Specifications

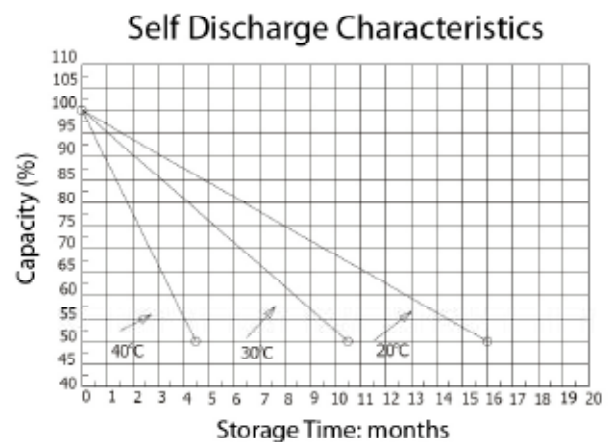
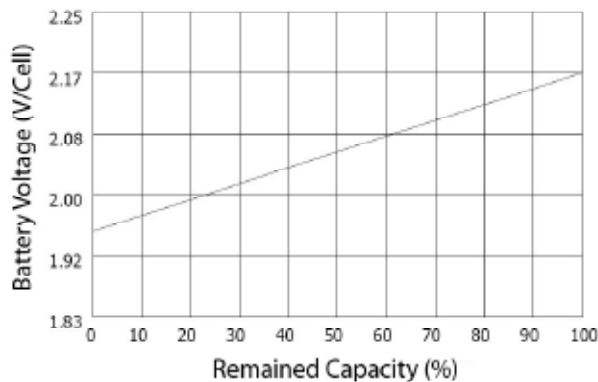
Battery Model	UXL 80-12			
Designed Floating Life	10 Years			
Capacity (25°C)	20HR (2.75A, 1.75V)	10HR (5.225A, 1.75V)	5HR (9.35A, 1.75V)	1HR (33.0A, 1.75V)
	80.0 AH	76.0 AH	68.0 AH	48.0 AH
Dimensions	Length	Width	Height	Total Height
	351 mm	166 mm	175 mm	175 mm
Approximate Weight	28.00			
Internal Resistance	Fully charged at 25°C: 0.0058 Ohm			
Self Discharge	3% of capacity declined per month at 25°C			
Capacity Affected by Temperature (20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage (25°C)	Cycle use		Float use	
	14.4-14.8V (-30mV/°C), max. Current: 13A		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



- **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	315.2	193.6	146.7	89.4	48.1	23.9	14.7	8.16	4.48
1.67 V	295.8	185.6	142.2	85.7	47.5	21.1	14.4	8.00	4.32
1.70 V	270.4	177.6	137.7	77.7	45.7	20.1	14.1	7.84	4.32
1.75 V	267.2	172.8	133.2	74.1	44.8	19.5	13.7	7.60	4.23
1.80 V	236.8	164.8	121.1	68.6	41.7	19.0	13.4	7.20	4.16
1.85 V	209.6	156.5	108.4	62.8	40.4	18.7	13.4	6.92	4.16

- **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	640.0	416.0	320.0	185.6	104.0	40.5	27.5	15.5	8.16
1.67 V	619.8	406.4	315.2	182.4	102.8	40.3	27.4	15.5	8.16
1.70 V	593.6	400.0	307.2	179.2	101.7	40.0	27.4	15.4	8.00
1.75 V	558.4	384.0	297.2	174.4	100.2	39.7	27.2	15.4	8.00
1.80 V	484.8	355.2	284.8	169.6	97.0	38.9	26.8	15.0	7.84
1.85 V	457.6	329.6	272.0	161.6	94.7	38.2	26.6	15.0	7.84