

UL2.6-12



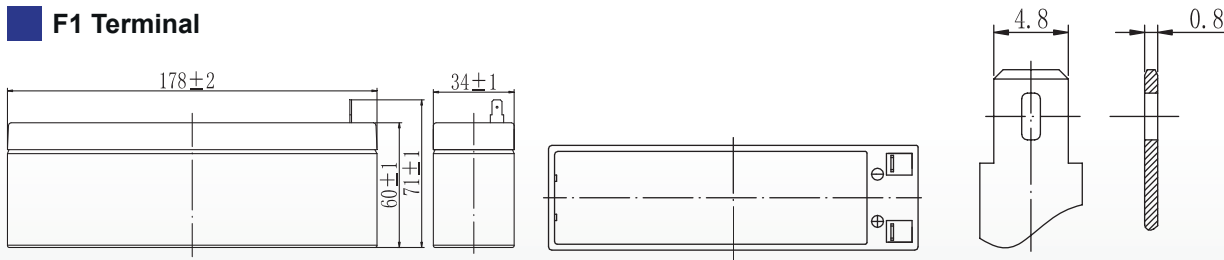
Physical Specification

Part Number:	UL2.6-12
Length:	178 ± 2 mm (7.01 inches)
Width:	34 ± 1 mm (1.34 inches)
Container Height:	60 ± 1 mm (2.36 inches)
Total Height (with terminal):	71 ± 1 mm (2.80 inches)
Approx Weight:	Approx 0.92kg

Specifications

Terminal Type	Normal Voltage	12V
	Normal Capacity (20HR)	2.6AH
	Standard Terminal	F1
Container Material	Optional Terminal	-
	Standard Option	ABS
	Flame Retardant Option (FR)	UL94:VO
Rated Capacity	2.6 AH/1.75A	(20hr, 10.5V/cell, 25°C / 77°F)
	2.4 AH/1.75A	(10hr, 10.5V/cell, 25°C / 77°F)
	1.69 AH/1.60A	(1hr, 9.60V/cell, 25°C / 77°F)
Max Discharge Current		
Internal Resistance	39A (5s)	
	Approx 35mΩ	
Discharge Characteristics	Operating Temp. Range	Discharge: -15 ~ 50°C (5 ~ 122°F) Charge: -10 ~ 50°C (14 ~ 122°F) Storage: -20 ~ 50°C (-4 ~ 122°F)
	Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
	Cycle Use	Initial Charging Current less than 0.78A.Voltage 14.50V to 14.90V at 25°C (77°F) Temp. Coefficient -30mV/°C
Capacity affected by Temperature	Standby Use	13.60V to 13.80V at 25°C (77°F) Temp. Coefficient -18mV/°C
		40°C (104°F) 102%
		25°C (77°F) 100%
Design Floating Life at 20°C		0°C (32°F) 85%
Self Discharge		

Dimensions



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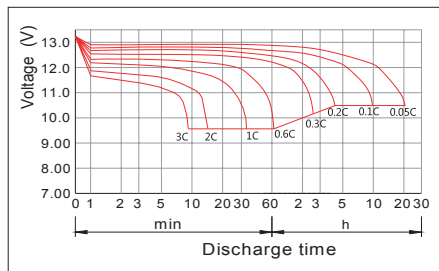
Constant Current Discharge (Amperes) at 25°C (77°F)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	9.88	6.24	4.94	2.76	1.69	0.92	0.66	0.53	0.45	0.25	0.13
9.90V	9.58	6.05	4.82	2.70	1.66	0.92	0.66	0.53	0.45	0.24	0.13
10.2V	9.19	5.80	4.64	2.62	1.62	0.91	0.65	0.52	0.45	0.24	0.13
10.5V	8.79	5.55	4.49	2.55	1.59	0.90	0.65	0.52	0.44	0.24	0.13
10.8V	8.30	5.24	4.25	2.46	1.54	0.87	0.63	0.50	0.43	0.24	0.13

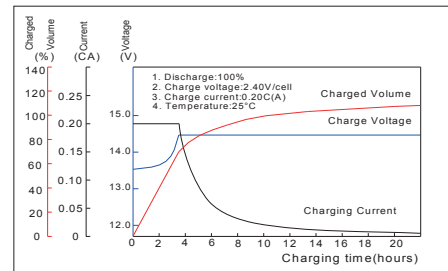
Constant Power Discharge (Watts) at 25°C (77°F)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	110	70.4	56.3	31.6	19.6	10.8	7.88	6.32	5.38	2.95	1.58
9.90V	107	68.3	55.0	31.0	19.3	10.7	7.83	6.28	5.35	2.93	1.58
10.2V	103	65.5	52.9	30.0	18.8	10.6	7.78	6.24	5.31	2.92	1.57
10.5V	98.1	62.6	51.1	29.3	18.4	10.5	7.72	6.19	5.28	2.90	1.56
10.8V	92.6	59.1	48.4	28.2	17.8	10.2	7.49	6.01	5.12	2.84	1.53

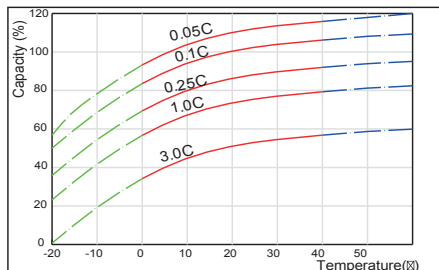
Discharge Characteristics



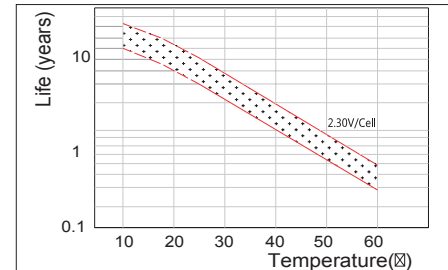
Charging Characteristics



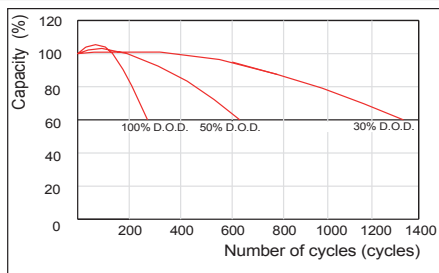
Temperature Effects in Relation to Battery Capacity



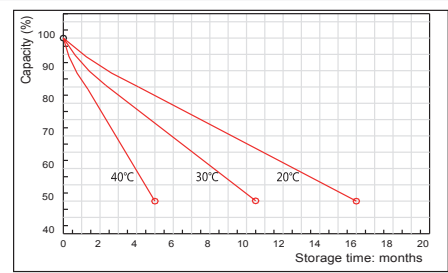
Effect of Temperature on Long Term Float Life



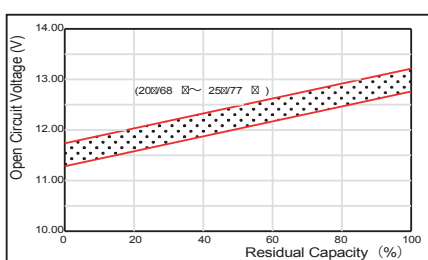
Cycle Life in Relation to Depth of Discharge



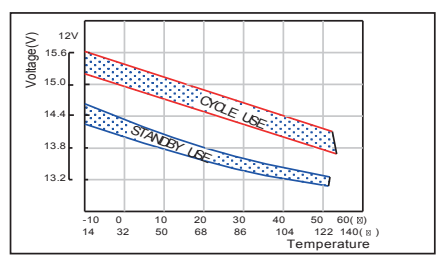
Self Discharge Characteristics



Relationship for Open Circuit Voltage & Residual Capacity



Relationship for Charging Voltage & Temperature



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