

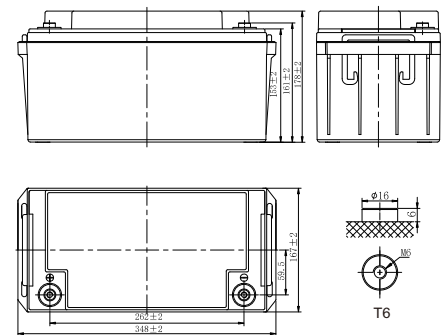
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Specifications

Rated Voltage	12V	
Nominal Capacity	65.0Ah	(C ₁₀ , 1.80V/cell)
Dimension	Length	348±2mm
	Width	167±2mm
	Container Height	178±2mm
	Total Height	178±2mm
Approx Weight	21.0 Kg	
Terminal	T6(M6)	
Container Material	ABS	
Rated Capacity (25°C)	68.2 Ah	(20hr, 3.41A, 1.80V/cell)
	65.0 Ah	(10hr, 6.50A, 1.80V/cell)
	59.0 Ah	(5hr, 11.8A, 1.75V/cell)
	54.0 Ah	(3hr, 18.0A, 1.75V/cell)
	41.4 Ah	(1hr, 41.4A, 1.60V/cell)
Max. Discharge Current	650A (5s)	
Internal Resistance (25°C)	Approx 7.0mΩ	
Operating Temp. Range	Discharge	-15 ~ 50°C
	Charge	20 ~ 40°C
	Storage	-15 ~ 40°C
Nominal Operating Temp. Range	25±3°C	
Cycle Use	Initial Charging Current less than 19.5A. Voltage 14.4V~15.0V at 25°C Temp. Coefficient -30mV/°C	
Standby Use	Initial Charging Current less than 19.5A. Voltage 13.5V~13.8V at 25°C Temp. Coefficient -20mV/°C	
Effect of temp. to Capacity	40° C	103%
	25° C	100%
	0° C	86%
Self Discharge	LPL series batteries may be stored for up to 6 months at 25°C and then a freshening charge is required. For higher temperatures the time interval will be shorter.	



Layout



7cbghUbh' 7 i ffYbh' 8]gW\Uf [Y'fl5 a dYfYgk'Uh' &)'\$7

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	96.2	83.4	65.6	58.6	42.9	36.3	22.1	16.2	12.7	11.1	9.74	7.49	6.21	3.29
1.80V/cell	109.2	94.5	74.1	63.8	45.4	37.6	22.8	17.6	13.6	11.6	10.5	7.88	6.50	3.41
1.75V/cell	118.4	102.3	80.0	65.1	47.1	39.5	24.1	18.0	13.8	11.8	10.5	7.92	6.57	3.45
1.70V/cell	126.2	108.6	84.9	66.4	48.0	40.3	24.5	18.3	14.1	12.0	10.6	8.04	6.63	3.48
1.65V/cell	130.2	111.8	87.2	67.4	48.7	40.8	24.9	18.5	14.3	12.3	10.7	8.16	6.71	3.53
1.60V/cell	134.7	115.3	89.4	68.4	49.4	41.4	25.3	18.7	14.5	12.4	10.7	8.26	6.79	3.57

7cbghUbh' Power' 8]gW\Uf [Y'flWatts/cell:Uh' &)'\$7

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	180.9	157.9	124.7	112.0	82.4	70.2	43.0	31.7	25.0	21.8	19.3	14.9	12.3	6.56
1.80V/cell	202.4	176.6	139.5	121.0	86.8	72.3	44.2	34.3	26.6	22.8	20.6	15.6	12.9	6.78
1.75V/cell	216.0	188.5	148.9	122.5	89.4	75.6	46.4	34.8	27.0	23.1	20.7	15.6	13.0	6.84
1.70V/cell	227.1	198.1	156.5	123.9	90.5	76.7	47.1	35.4	27.3	23.4	20.8	15.9	13.1	6.91
1.65V/cell	230.7	201.4	159.1	124.8	91.3	77.4	47.6	35.6	27.7	23.8	20.8	16.0	13.3	6.99
1.60V/cell	234.0	204.2	161.3	125.4	91.8	78.0	48.0	35.7	27.9	24.1	20.9	16.2	13.4	7.06

77260 LPL12V65Ah(12V68Ah/C20)

Applications

- UPS and EPS
- Emergency light
- Railway signal and aircraft signal system
- Marine and power stations
- Alarm and security system
- Electronic apparatus and equipment
- Communication power supply, DC power supply

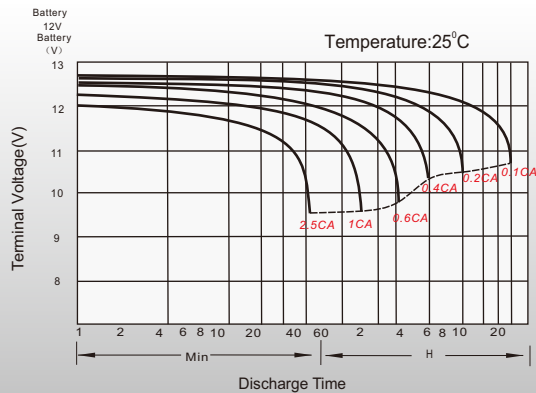
General Features

- 12 years design life (25°C)
- Grid refining technology and the thicker plates are used to extend the battery standby life and reduce the plate grid corrosion speed
- Using oxygen recombination technology: maintenance-free
- Unique vent valve design: control water losing, prevent air and spark going inside

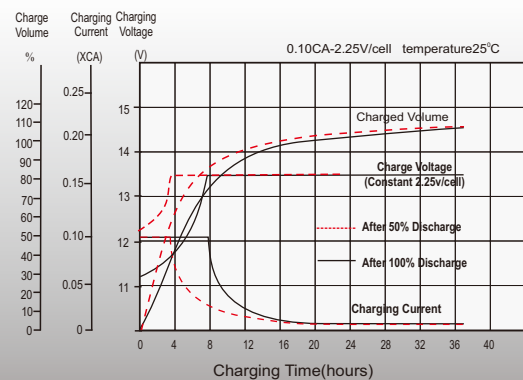
Standards

- Compliance with IEC 60896 standards, EU Battery Directive
- UL, CE Certified
- IATF16949, ISO45001, ISO 9001 and ISO 14001 certified production facilities

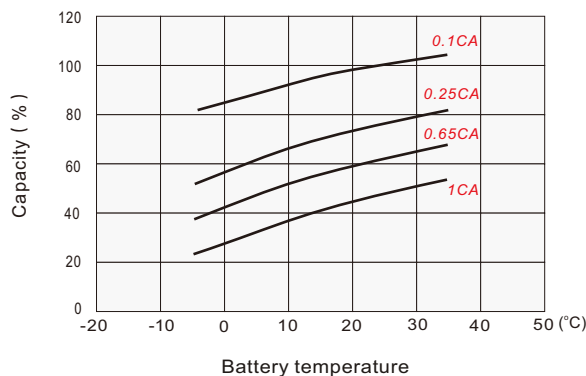
Discharge Characteristics



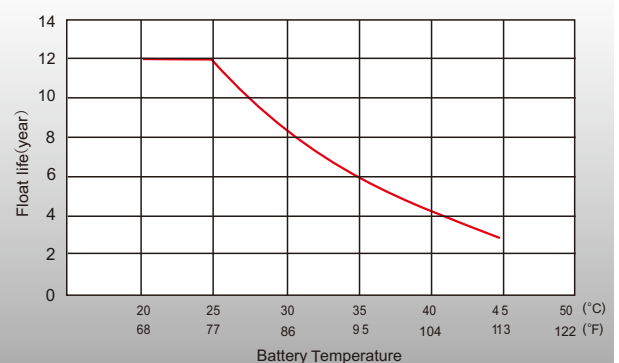
Float Charging Characteristics



Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life



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