



Application

- ◆ Telecommunications.
- ◆ Radio and cellular telephone relay stations.
- ◆ Emergency lighting systems.
- ◆ Power stations, Conventional power stations,
- ◆ Alternative power (solar, wind).
- ◆ Large UPS and computer back-up.
- ◆ Railway signalling.
- ◆ Maritime standby power on ships and ashore.
- ◆ Standby power.
- ◆ Buoy lighting.
- ◆ Long service life, designed life 15-20 years.

Specification

Nominal Voltage	6V		
Capacity(10HR)	250AH (1.8V/cell,20°C)		
Dimensions	Length	381±2mm (15.0 inches)	
	Width	205±3mm (8.07 inches)	
	Height	337±3mm (13.27 inches)	
	Total height	384±3mm (15.12 inches)	
Approx Weight	Without Electrolyte	45.0 kg (99.2lbs)	
	With Electrolyte	60.0 kg (132.0lbs)	
Rated Capacity		268.0 AH/13.4A (20hr, 1.80V/cell, 20°C/68°F)	
		250.0 AH/25.0A (10hr, 1.80V/cell, 20°C/68°F)	
		206.5 AH/41.3A (5hr, 1.75V/cell, 20°C/68°F)	
		176.4 AH/58.8A (3hr, 1.75V/cell, 20°C/68°F)	
		134.3 AH/134.3A (1hr, 1.60V/cell, 20°C/68°F)	
Self Discharge		Leoch batteries may be stored for up to 6 months at 20°C(68°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	
Current		Max. Discharge Current(5s)	2000A
Operating Temp. Range	Discharge	-15~50 °C(5~122 °F)	
	Charging	0~40 °C(32~104 °F)	
	Storage	-15~45 °C(5~113 °F)	
Container Material	SAN transparent container		
Terminal	M8		
Charging		Floating voltage: 6.7V~6.8V at 20°C(68°F)Temp.	
		Boost charge: 7.0V~7.2V at 20°C(68°F)Temp.	
		Charging current(max.): 0.1CA Temp.Coefficient -3mV/°C	

Constant Current Discharge (Amperes) at 20 °C (68°F)

F.V(V/cell)	15min	30min	1H	2H	3H	4H	5H	8H	10H	20H
1.85	184.2	146.7	102.5	66.6	52.0	43.1	37.3	27.3	23.3	12.5
1.80	217.1	162.8	110.8	72.0	55.7	45.9	39.7	29.3	25.0	13.4
1.75	248.0	176.2	117.8	76.4	58.8	48.2	41.3	30.1	25.5	13.6
1.70	270.0	188.3	124.0	79.5	60.8	50.1	42.9	31.0	25.9	13.7
1.65	288.8	198.1	130.0	81.8	62.2	51.1	43.8	31.5	26.3	13.9
1.60	304.9	206.1	134.3	84.4	63.7	52.0	44.6	31.9	26.7	14.1

Constant Power Discharge (Watts/Cell) at 20 °C (68°F)

F.V(V/cell)	15min	30min	1H	2H	3H	4H	5H	8H	10H	20H
1.85	348.4	281.3	198.7	130.1	101.8	84.7	73.3	54.0	46.0	24.8
1.80	402.5	306.9	211.8	139.0	107.7	89.0	77.2	57.2	48.9	26.2
1.75	453.5	328.2	222.2	145.1	112.0	92.1	79.1	57.9	49.1	26.2
1.70	487.4	347.3	231.9	149.9	115.0	95.0	81.5	59.2	49.5	26.3
1.65	514.6	360.8	240.9	152.8	116.7	96.2	82.6	59.6	49.9	26.3
1.60	533.7	370.0	245.3	155.6	117.8	96.4	82.9	59.6	49.9	26.3