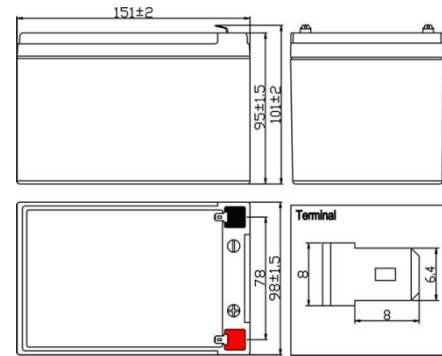


Sealed Acid Batteries AGM/VRLA (12V 12Ah)

Model: PL1212FR

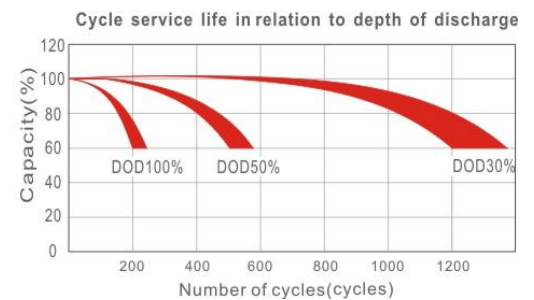
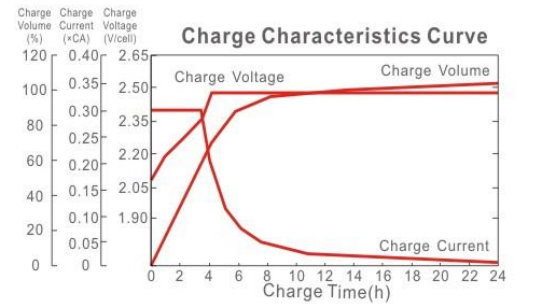
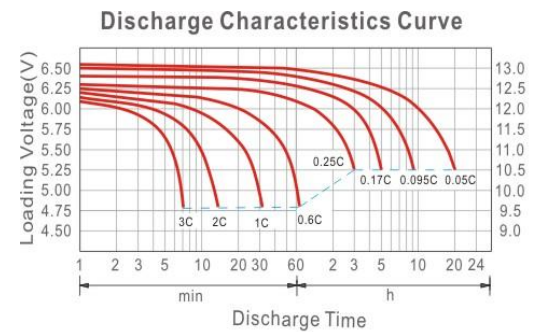


Specifications

Nominal Voltage	12 V	
Rated Capacity 77°F (25°C) (20HR)	12 Ah	
Dimensions (mm / inch)	Length	5.94 inches (151mm)
	Width	3.86 inches (98mm)
	Height	3.74 inches (95mm)
	Total Height	3.98 inches (101mm)
Approx. Weight	7.16 lbs. (3.25kg)	
Terminal	F2	

Characteristic

Capacity 77°F (25°C)	20h rate (0.606A to 10.5 volts)	12.1 Ah
	10h rate (1.158A to 10.5 volts)	11.5 Ah
	5h rate (2.070A to 10.5 volts)	10.3 Ah
	1h rate (7.332A to 9.6 volts)	7.33 Ah
	15 min rate (21.71A to 9.6 volts)	5.42 Ah
Internal Resistance	Full Charged Battery 77°F (25°C)	Approx. 18mΩ
	104°F (40°C)	107 %
	77°F (25°C)	100 %
Temperature dependence of capacity (20HR)	32°F (0°C)	76 %
	4°F (-20°C)	46 %
	3 months storage	90 %
Self-Discharge 68°F (20°C) (Capacity after)	6 months storage	80 %
	12 months storage	60 %
	Max. Discharge Current, 77°F (25° C)	180A (5s)
Floating design life, 77°F (25° C)	5 years	
Constant Voltage Charge, 77°F (25°C)	Cycle	14.5~14.9V (-24mV/°C) max. current: 3.6 A
	Float	13.6-13.8V (-18mV/°C)



Constant Current Discharge Characteristics (A, 25°)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	44.50	29.16	21.71	11.56	7.332	4.131	3.138	2.117	1.402	1.200	0.642
1.70V/cel	40.38	27.02	20.47	11.22	7.168	4.066	3.060	2.086	1.380	1.170	0.619
1.75V/cell	36.27	25.32	19.35	10.89	7.078	4.033	3.030	2.070	1.368	1.158	0.606
1.80V/cell	32.54	23.69	18.22	10.55	6.977	3.999	2.994	2.046	1.350	1.140	0.582

Constant Wattage Discharge Characteristics (Watt, 25°)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	80.47	53.21	39.99	22.06	14.54	8.193	6.255	4.223	2.796	2.396	1.284
1.70V/cel	74.37	50.20	38.39	21.61	14.28	8.099	6.110	4.164	2.755	2.340	1.240
1.75V/cell	67.70	47.90	36.59	21.14	14.11	8.038	6.055	4.137	2.734	2.318	1.217
1.80V/cell	61.29	45.20	34.76	20.65	13.92	7.978	5.988	4.092	2.700	2.282	1.169