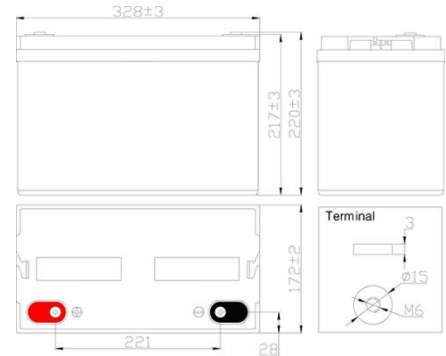


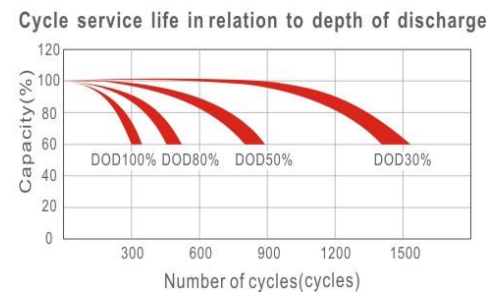
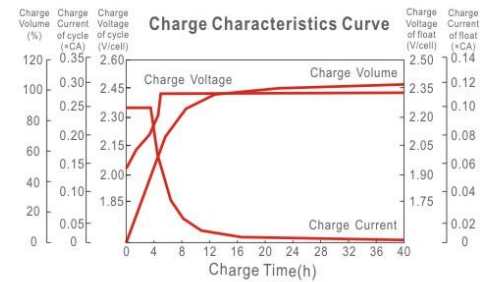
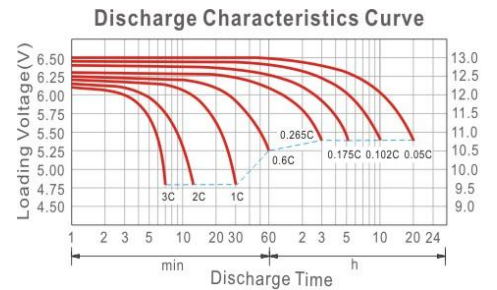
# Sealed Acid Batteries AGM/VRLA (12V 110Ah)

Model: PL110D12



Specifications		
Nominal Voltage	12 V	
Rated Capacity 77°F (25°C) (20HR)	110 Ah	
Dimensions (mm / inch)	Length	12.9 inches (328mm)
	Width	6.77 inches (172mm)
	Height	8.54 inches (217mm)
	Total Height	8.66 inches (220mm)
Approx. Weight	73.9 lbs. (33.5kg)	
Terminal	M6	

Characteristic		
Capacity 77°F (25°C)	20h rate (5.995A to 10.8 volts)	119.9 Ah
	10h rate (11.22A to 10.8 volts)	112.2 Ah
	5h rate (19.25A to 10.8 volts)	96.2 Ah
Internal Resistance	Full Charged Battery 77°F (25°C)	Approx. 4.5mΩ
	104°F (40°C)	107 %
Temperature dependence of capacity (20HR)	77°F (25°C)	100 %
	32°F (0°C)	76 %
	4°F (-20°C)	46 %
Self-Discharge 68°F (20°C) (Capacity after)	3 months storage	90 %
	6 months storage	80 %
	12 months storage	60 %
Max. Discharge Current, 77°F (25°C)		880A (5s)
Floating design life, 77°F (25°C)		10 years
Constant Voltage Charge, 77°F (25°C)	Cycle	14.4~14.7V (-24mV/°C) max. current: 33 A
	Float	13.5-13.8V (-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	374.0	249.2	199.5	123.8	71.50	42.74	30.36	20.33	13.66	11.66	6.380
1.70V/cel	335.5	229.4	189.8	120.5	70.51	42.19	29.81	19.84	13.44	11.50	6.215
1.75V/cell	302.5	211.8	181.0	117.2	69.63	41.64	29.48	19.55	13.31	11.39	6.105
1.80V/cell	269.5	193.1	170.0	112.6	68.20	41.06	29.15	19.25	13.11	11.22	5.995

### Constant Wattage Discharge Characteristics (Watt, 25°)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	645.2	444.3	362.5	231.0	137.0	83.33	60.21	40.42	27.19	23.22	12.75
1.70V/cel	592.7	416.7	349.5	226.8	135.7	82.61	59.27	39.56	26.82	22.95	12.43
1.75V/cell	542.0	390.0	336.3	222.6	134.6	81.88	58.76	39.06	26.62	22.77	12.21
1.80V/cell	489.6	360.4	318.7	215.9	132.4	81.44	58.25	38.50	26.22	22.44	11.99