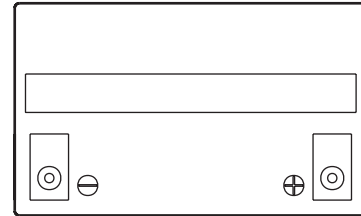
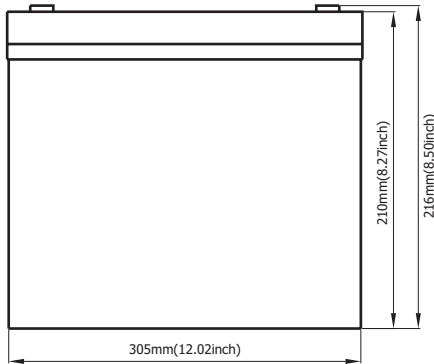


Terminal Dimensions



General Purpose

RPS Power Manager Series™ is a general purpose VRLA battery designed for a wide range of applications including Uninterruptible Power Supply (UPS), emergency lighting, communication, general purpose and other float service applications. The PM Series is provided in flame retardant, high impact case and has become the choice by OEM equipment manufacturers.

Application

- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Emergency Power System

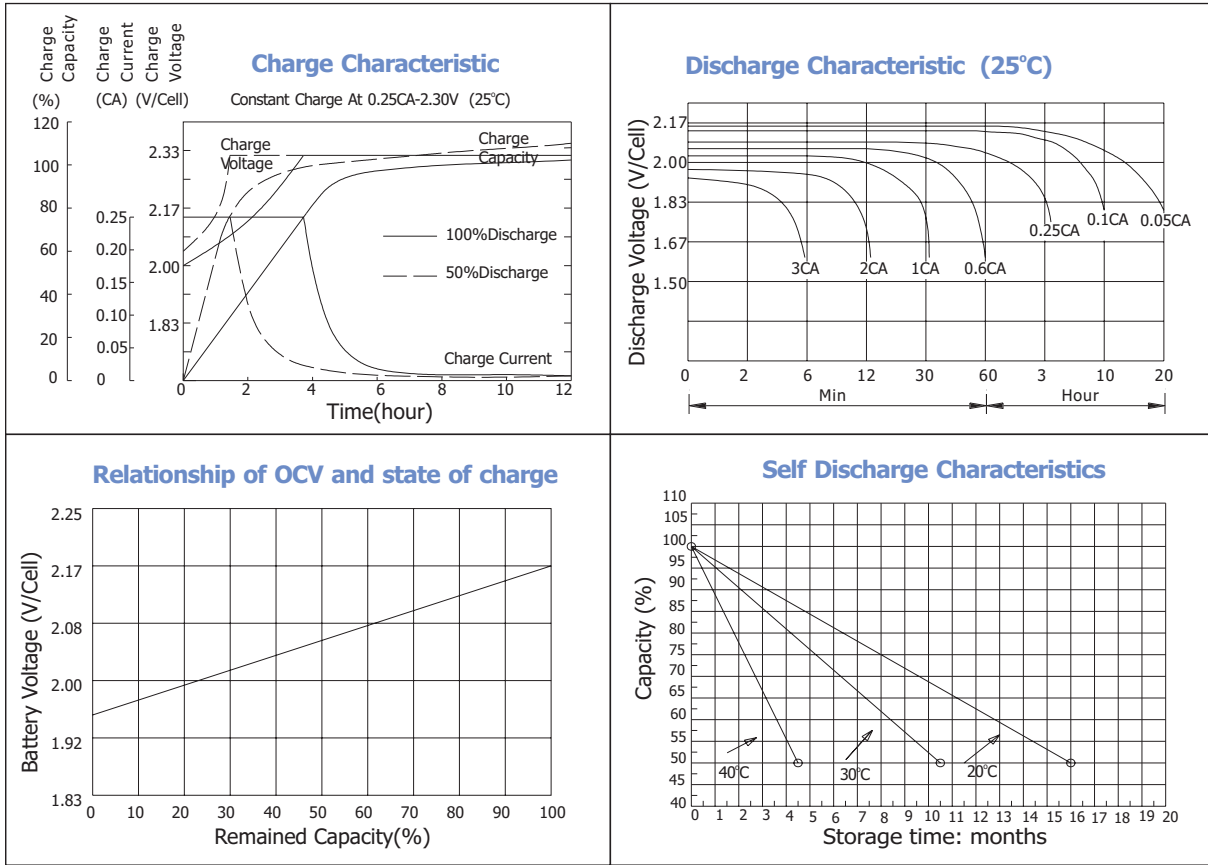
General Features

- Sealed & Maintenance Free Operation
- Non-Spillable Construction
- Patented O-Ring Post Seal Support
- UL94V-0 ABS Flame Retardant Case
- Thermally Welded Case to Cover Bond
- Exceptional Deep Discharge Recovery
- Low Pressure One-Way Safety Release Valve
- 100% Recyclable Materials

Construction

- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy Resin
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid

Battery Model	PM90-12			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(4.6A,1.75V)	10HR(9A,1.75V)	5HR(15.3A,1.75V)	1HR(63A,1.75V)
	92AH	90AH	76.5AH	63AH
Dimensions	Length	Width	Height	Total Height
	306mm(12.09inch)	168mm(6.62inch)	211mm(8.31inch)	217mm(8.54inch)
Approx. Weight	28.7Kg (63.29 lbs)			
Internal Resistance	Full charged at 25°C: 0.0052 Ohm			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-15V(-30mV/ °C), max. Current: 22.5A		13.6-13.8V(-20mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	315	216	158	94.5	59.4	24.6	17.2	9.54	4.74
1.67V	284	197	153	91.8	59.3	24.5	17.0	9.40	4.73
1.70V	269	190	148	90.0	59.1	24.5	17.0	9.33	4.73
1.75V	239	176	140	88.2	58.5	24.3	16.9	9.17	4.70
1.80V	216	163	133	85.5	57.8	24.2	16.8	9.01	4.54
1.85V	164	134	115	78.7	57.2	24.1	16.6	8.85	4.44

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	519	358	279	178	117	47.2	32.9	19.1	9.49
1.67V	492	354	276	175	113	47.2	32.9	18.8	9.45
1.70V	460	345	272	170	110	47.2	32.9	18.7	9.45
1.75V	428	322	256	166	109	46.4	32.5	18.3	9.41
1.80V	384	300	240	161	107	45.8	32.0	18.0	9.08
1.85V	308	248	210	148	106	45.6	31.5	17.7	8.87



ISO9001:2000 Certificate



G4M20206-0910-E-16



MH28539



RBCR

