

The PM SERIES is a family of six and twelve volt batteries with capacities from 1.3 - 44 AH at the C/20 rate. They are of VRLA / AGM design and incorporate the latest advances in this class of batteries, making them ideal for a variety of applications.



Applications

- Uninterruptible power supplies.
- Security and fire alarm systems.
- Laboratory and test equipment.
- Monitoring equipment.
- Telecom equipment.
- Emergency lighting.
- Power tools.
- Medical equipment.
- Consumer electronics.
- Portable equipment.
- Toys and hobbies.
- Marine instruments.

Features

- Non-spillable Valve Regulated Lead Acid (V.R.L.A.) Design.
- Advanced absorbed glass mat technology.
- Sealed construction for operation in any position except upside down.
- Wide operating temperature range.
- High discharge rates and low self discharge rates.
- Available in VO Flame Retardant Material.
- High impact resistant plastic case.
- Each cell has a low pressure safety release valve.
- 100% recyclable.
- Not restricted for Surface, Maritime and Air Transport.



General specifications

Model Number	Nom. Volt.	Ampere hour capacity					Internal Resistance Milliohms	Maximum Charging Amps	Maximum Discharge Amps (5sec)
		20Hr. 1.75 V.P.C.	10Hr. 1.75 V.P.C.	5Hr. 1.75 V.P.C.	3Hr. 1.75 V.P.C.	1Hr. 1.55 V.P.C.			
PM 6-4.5	6	4.50	4.28	3.83	3.29	2.70	25	1.13	68
PM 6-7.2	6	7.20	6.84	6.12	5.26	4.32	20	1.80	108
PM 6-8.5	6	8.50	8.08	7.23	6.21	5.10	20	2.13	128
PM 6-12	6	12.00	11.40	10.20	8.76	7.20	10	3.00	180
PM 12-1.3	12	1.30	1.24	1.11	0.95	0.78	110	0.33	20
PM 12-2.2	12	2.20	2.09	1.87	1.61	1.32	70	0.55	33
PM 12-3.3	12	3.30	3.14	2.81	2.41	1.98	60	0.83	50
PM 12-5	12	5.00	4.75	4.25	3.65	3.00	40	1.25	75
PM 12-7.2	12	7.20	6.84	6.12	5.26	4.32	30	1.80	708
PM 12-12	12	12.00	11.40	10.20	8.76	7.20	20	3.00	180
PM 12-18	12	18.00	17.10	15.30	13.14	10.80	15	4.50	270
PM 12-26	12	26.00	24.00	20.40	18.00	15.60	12	6.50	288
PM 12-28	12	28.00	25.80	21.90	19.30	16.80	12	7.00	290
PM 12-33	12	34.60	33.00	28.90	25.50	20.40	11	8.30	300
PM 12-44	12	44.00	40.50	34.00	30.00	26.00	11	11.00	360

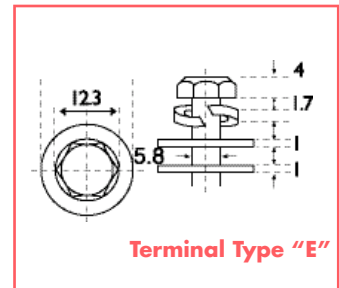
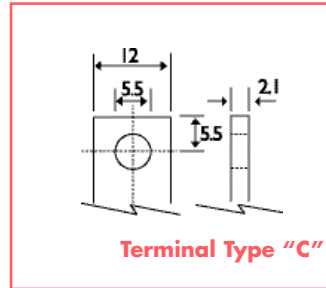
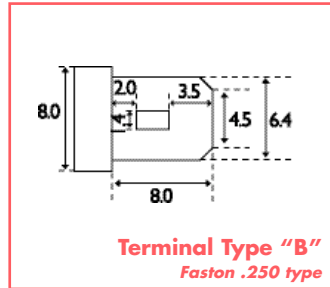
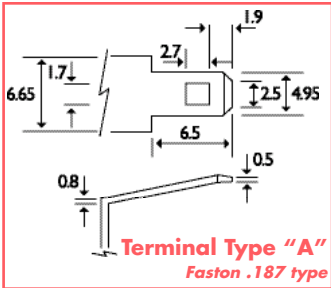
General dimensions

Model Number	Sizes (in/mm)						Weight		Terminal type	Terminal position	Unit/box
	L	W	H	KG	LB						
PM 6-4.5	2.76	70	1.81	46	4.24	108	0.82	1.81	A	A	20
PM 6-7.2	5.94	151	1.34	34	3.94	100	1.31	2.88	A	B	10
PM 6-8.5	3.89	99	2.20	56	4.65	118	1.61	3.54	A	C	10
PM 6-12	5.94	151	1.97	50	3.98	101	2.10	4.63	A, B	B	10
PM 12-1.3	3.80	97	1.69	43	2.32	59	0.64	1.41	A	D	10
PM 12-2.2	6.99	178	1.38	35	2.68	68	0.93	2.05	A	B	10
PM 12-3.3	5.26	134	2.64	67	2.52	64	1.29	2.84	A	F	10
PM 12-5	3.52	90	2.74	70	4.23	108	1.60	3.52	A, B	B	10
PM 12-7.2	5.94	151	2.54	65	4.00	102	2.30	5.08	A, B	F	8
PM 12-12	5.94	151	3.90	99	4.03	102	4.03	8.88	A, B	F	4
PM 12-18	7.13	181	2.99	76	6.57	167	6.00	13.14	C	G	2
PM 12-26	6.93	176	6.54	166	5.04	128	8.52	18.78	C, E	G	1
PM 12-28	6.54	166	5.00	127	7.17	182	9.20	20.20	C	G	1
PM 12-33	7.72	196	5.12	130	7.05	179	11.50	25.30	C	B	1
PM 12-44	7.80	198	6.54	166	6.69	170	14.50	30.86	C, E	G	1

Notes:

- a) Terminal type "A" is .187 Faston type
 b) Terminal type "B" is .250 Faston type - stocked for PM6-12, PM12-5, PM12-7.2 and PM12-12. to order terminal type "B" add "L" to part number, e.g., PM6-12L

- c) Several batteries stocked in flame retardant material; add "F" to part number, e.g., PM12-26F. Items that are not stocked in flame retardant material; PM6-4.5, PM6-7.2, PM6-8.5, PM12-1.3, PM12.2.2 & PM12-3.3
 d) PM12-26 and PM12-44 stocked with insert terminal; add "C" to part number
 e) All data subject to change without notice



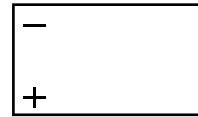
Terminal Position "A"



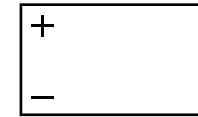
Terminal Position "B"



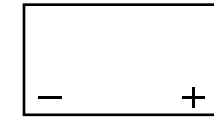
Terminal Position "C"



Terminal Position "D"



Terminal Position "F"



Terminal Position "G"

Discharge Rates

Model Number	Rates	Minute Discharge Rates Per Cell to 1.75 End Volts												
		5	10	15	20	25	30	35	45	60	90	120	180	240
PM 6-4.5	Amps	16.20	10.80	7.70	6.50	5.60	4.90	4.20	3.50	2.70	1.86	1.49	1.09	0.90
	Watts	28.70	19.20	13.90	11.70	10.20	9.00	7.80	6.40	5.00	3.53	2.82	2.10	1.78
PM 6-7.2	Amps	23.80	15.90	11.60	9.80	8.60	7.50	6.60	5.40	4.30	2.97	2.38	1.75	1.44
	Watts	42.20	28.30	20.70	17.60	15.60	13.70	12.10	10.00	8.10	5.65	4.52	3.36	2.85
PM 6-8.5	Amps	30.60	20.40	14.60	12.20	10.60	9.80	8.00	6.50	5.10	3.51	2.81	2.07	1.70
	Watts	54.20	36.30	26.30	22.20	19.30	16.80	14.70	12.10	9.50	6.68	5.33	3.97	3.36
PM 6-12	Amps	38.00	25.90	19.00	16.10	14.10	12.30	10.90	9.10	7.20	4.96	3.96	2.92	2.40
	Watts	67.30	46.10	34.20	29.10	25.70	22.50	20.00	16.80	13.50	9.41	7.53	5.60	4.75
PM 12-1.3	Amps	4.30	2.90	2.10	1.80	1.60	1.40	1.20	1.00	0.80	0.54	0.43	0.32	0.26
	Watts	7.60	5.10	3.70	3.20	2.80	2.50	2.20	1.80	1.50	1.02	0.82	0.61	0.51
PM 12-2.2	Amps	7.30	4.90	3.60	3.00	2.60	2.30	2.00	1.70	1.30	0.91	0.73	0.53	0.44
	Watts	12.90	8.60	6.30	5.40	4.80	4.20	3.70	3.10	2.50	1.73	1.38	1.03	0.87
PM 12-3.3	Amps	11.90	7.90	5.70	4.80	4.10	3.60	3.10	2.50	2.00	1.36	1.09	0.80	0.66
	Watts	21.00	14.10	10.20	8.60	7.50	6.50	5.70	4.70	3.70	2.59	2.07	1.54	1.31
PM 12-5	Amps	18.00	12.00	8.60	7.20	6.30	5.40	4.70	3.90	3.00	2.07	1.65	1.22	1.00
	Watts	31.90	21.40	15.50	13.00	11.40	9.90	8.70	7.10	5.60	3.92	3.14	2.33	1.98
PM 12-7.2	Amps	23.80	15.90	11.60	9.80	8.60	7.50	6.60	5.40	4.30	2.97	2.38	1.75	1.44
	Watts	42.20	28.30	20.70	17.60	15.60	13.70	12.10	10.00	8.10	5.65	4.52	3.36	2.85
PM 12-12	Amps	38.00	25.90	19.00	16.10	14.10	12.30	10.90	9.10	7.20	4.96	3.96	2.92	2.40
	Watts	67.30	46.10	34.20	29.10	25.70	22.50	20.00	16.80	13.50	9.41	7.53	5.60	4.75
PM 12-18	Amps	64.80	43.20	31.00	25.90	22.50	19.40	17.00	13.90	10.80	7.43	5.94	4.37	3.60
	Watts	114.70	76.90	55.70	46.90	41.00	35.60	31.20	25.60	20.20	14.11	11.29	8.40	7.12
PM 12-26	Amps	85.00	56.20	45.80	37.70	31.20	26.00	24.40	20.80	15.90	12.20	8.90	6.30	5.00
	Watts	154.60	103.90	97.80	84.70	57.70	48.10	45.20	38.70	29.80	23.00	16.80	11.90	8.14
PM 12-28	Amps	91.50	60.50	49.30	40.60	33.60	28.00	25.80	22.40	17.10	13.20	10.40	7.40	5.90
	Watts	166.50	111.90	105.70	91.20	62.20	51.80	47.70	41.70	32.00	24.70	19.50	13.90	9.50
PM 12-33	Amps	107.80	71.30	58.10	46.20	39.60	33.00	30.40	26.40	20.20	15.50	12.30	8.80	7.70
	Watts	196.30	131.90	125.40	107.40	73.30	61.10	56.20	49.10	37.80	29.20	23.00	16.50	11.20
PM 12-44	Amps	143.80	95.00	76.60	61.60	51.90	44.00	39.60	35.20	26.90	20.70	16.00	11.70	9.30
	Watts	261.70	175.80	160.90	141.60	96.10	81.40	73.30	65.50	50.40	37.20	30.10	22.10	14.93

1347-2-0501
U.S.A.
Power Battery Company, Inc.
25 McLean Blvd.
Paterson, N.J. 07514-1507
Phone: (973) 523-8630
Fax: (973) 523-3023
E-mail: sales@powbat.com
Website: www.powerbattery.com

CANADA
Power Battery (Iberville) Ltd.
770 Thomas Ave.
Saint-Jean-sur-Richelieu, Québec, J2X 5E7
Phone: (450) 346-3273
Fax: (450) 346-8003
E-mail: sales@powbat.com
Website: www.powerbattery.com

UK
Power Batteries Ltd.
Premier Way, Abbey Park Industrial Estate
Romsey, Hampshire, SO51 9AQ
Phone: +44 (0)1794 835900
Fax: +44 (0)1794 835910
E-mail: sales@powbat.co.uk
Website: www.powbat.co.uk

ITALY
Power Battery Srl
Via 1° Maggio 21
20010 Vanzago MI - ITALY
Phone: +(39) 02 93540454
Fax: +(39) 02 93436202
E-mail: calberti@powbat.it
Website: www.powbat.it