

With over 100 years of experience in the design and manufacturing of NiCd batteries, supported by a tradition of continuous improvement and technical development, EnerSys® offers a world-leading range of solutions to suit varying applications.

PowerSafe® RH pocket plate batteries are suitable for industrial applications requiring proven reliability and the highest safety integrity. The RH range is optimized for applications covering discharges of 1 second to 30 minutes or more.

Typical RH battery applications include diesel start, UPS and marine.

Cost effectiveness, safety and durability make the PowerSafe RH battery range one of the most reliable and powerful systems on the market.

BATTERY RANGE SUMMARY

Features & Benefits

- Capacity range: 10Ah - 800Ah
- Recommended discharge time: 1 sec to 30 min
- NiCd cells of this range are especially constructed for high current discharging and starting applications
- Excellent resistance against electrical and mechanical stress
- No risks of terminal decomposition or catastrophic failure due to the plate construction
- Proven long service life: 20 years in stationary cycling operations
- Operational temperature: -40°F (-40°C) to 122°F (50°C)
- Long storage life
- Robust construction
- Long maintenance interval
- Translucent plastic cases for visible electrolyte level
- Conforms to IEC60623/KH...P

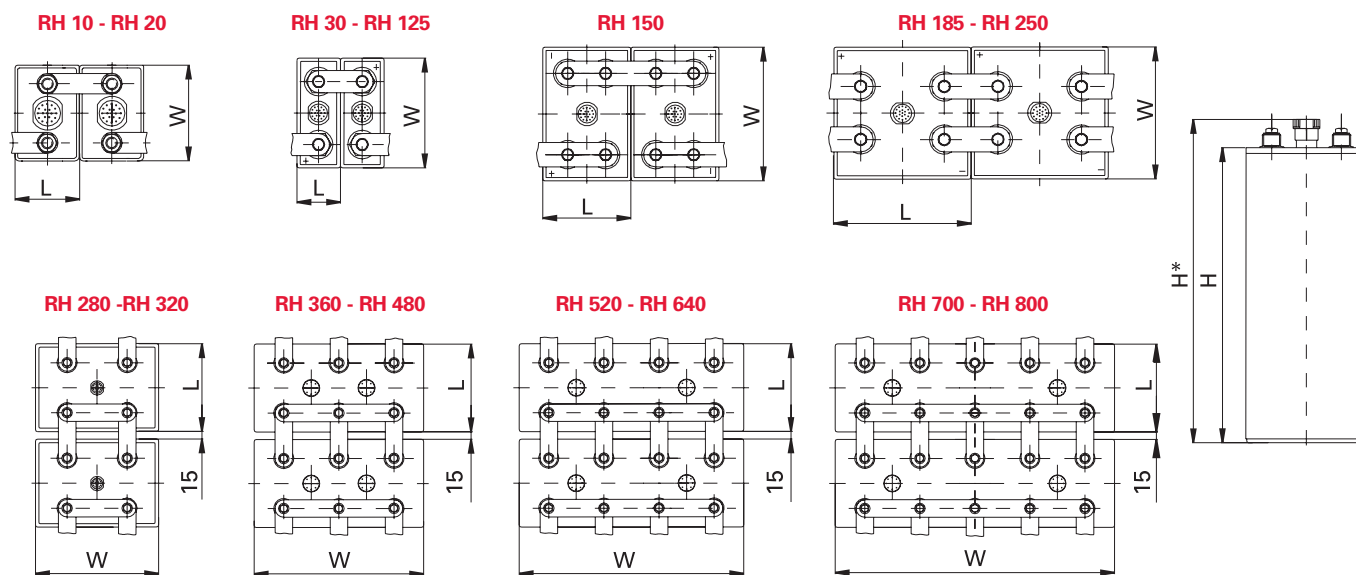


General Specifications

PowerSafe® Battery Type	Capacity (Ah)	Nominal Dimensions								Weight				Terminal
	as per IEC60623 cl. 1.3.3. C5Ah	Length mm in	Width mm in	Height mm in	Height* mm in	Without Electrolyte kg lbs	Total Weight kg lbs							
RH 10	10	46 1.8	85 3.3	237 9.3	257 10.1	1.11 2.4	1.62 3.6	M10 M						
RH 20	20	46 1.8	85 3.3	237 9.3	257 10.1	1.57 3.5	1.90 4.2	M10 M						
RH 30	30	53 2.1	134 5.3	330 13.0	360 14.2	2.70 6.0	4.13 9.1	M8 F						
RH 40	40	53 2.1	134 5.3	330 13.0	360 14.2	3.12 6.9	4.37 9.6	M8 F						
RH 50	50	53 2.1	134 5.3	330 13.0	360 14.2	3.59 7.9	4.61 10.2	M8 F						
RH 65	65	69 2.7	134 5.3	330 13.0	360 14.2	4.52 10.0	6.10 13.4	M8 F						
RH 80	80	69 2.7	134 5.3	330 13.0	360 14.2	5.37 11.8	6.63 14.6	M8 F						
RH 100	100	104 4.1	134 5.3	330 13.0	360 14.2	6.49 14.3	8.82 19.4	M8 F						
RH 125	125	104 4.1	134 5.3	330 13.0	360 14.2	7.82 17.2	9.69 21.4	M8 F						
RH 150	150	108 4.3	164 6.5	330 13.0	360 14.2	8.87 19.6	11.90 26.2	M8 F						
RH 185	185	164 6.5	158 6.2	330 13.0	360 14.2	10.57 23.3	15.59 34.4	M8 F						
RH 200	200	164 6.5	158 6.2	330 13.0	360 14.2	11.38 25.1	16.18 35.7	M8 F						
RH 235	235	164 6.5	158 6.2	330 13.0	360 14.2	12.60 27.8	17.06 37.6	M8 F						
RH 250	250	164 6.5	158 6.2	330 13.0	360 14.2	13.00 28.7	17.35 38.2	M8 F						
RH 280	280	176 6.9	246 9.7	330 13.0	360 14.2	16.98 37.4	23.70 52.2	M10 F						
RH 300	300	176 6.9	246 9.7	330 13.0	360 14.2	17.68 39.0	24.18 53.3	M10 F						
RH 320	320	176 6.9	246 9.7	330 13.0	360 14.2	18.46 40.5	24.60 54.2	M10 F						
RH 360	360	176 6.9	368 14.5	330 13.0	360 14.2	22.68 50.0	33.86 74.6	M10 F						
RH 390	390	176 6.9	368 14.5	330 13.0	360 14.2	23.78 52.4	34.66 76.4	M10 F						
RH 420	420	176 6.9	368 14.5	330 13.0	360 14.2	24.83 54.7	35.40 78.0	M10 F						
RH 450	450	176 6.9	368 14.5	330 13.0	360 14.2	25.98 57.3	36.25 79.9	M10 F						
RH 480	480	176 6.9	368 14.5	330 13.0	360 14.2	27.08 59.7	37.04 81.7	M10 F						
RH 520	520	176 6.9	448 17.6	330 13.0	360 14.2	31.50 69.4	44.73 98.6	M10 F						
RH 560	560	176 6.9	448 17.6	330 13.0	360 14.2	33.00 72.6	45.86 101.1	M10 F						
RH 600	600	176 6.9	448 17.6	330 13.0	360 14.2	34.50 76.1	47.00 103.6	M10 F						
RH 640	640	176 6.9	448 17.6	330 13.0	360 14.2	36.00 79.4	48.11 106.1	M10 F						
RH 700	700	176 6.9	558 22.0	330 13.0	360 14.2	41.13 90.7	57.20 126.1	M10 F						
RH 750	750	176 6.9	558 22.0	330 13.0	360 14.2	43.00 94.8	58.60 129.2	M10 F						
RH 800	800	176 6.9	558 22.0	330 13.0	360 14.2	44.88 98.9	60.00 132.3	M10 F						

* Includes height over terminals

Battery Layout



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