SPIRALCELL TECHNOLOGY[®]

99.99% Pure Lead — Spiralcell design allows for lead to be used in its purest from

Solid Cast Cell Connections for increased durability and maximum plate height

Spiralcell Technology – for superior vibration resistance and extended life

Tightly Compressed Cells for added vibration resistance

Absorbent Glass-Mat Separators holds electrolyte like a sponge to eliminate acid spilling

YELLOWTOP SPECIFICATIONS													
Model Number	Voltage	Cold Cranking Amps @ -18C (BCl)	Cold Cranking Amps @ -18C (EN)		Reserve Capacity	Capacity (C/20 Rate)	Internal Resistance (ohms)	Dimensions(CM)			Weight	Post	BCI
								Length	Width	Height	(Kg)	Туре	Group
D27F	12V	830	845	1025	140	66	.0025	30.9	17.2	21.9	24.1	SAE	27F
D34/78	12V	750	765	870	120	55	.0028	25.4	17.5	19.8	19.7	Dual SAE/ST	34/78
D75/25	12V	620	600	810	100	48	.0030	23.7	17.3	19.4	17.1	Dual SAE/ST	75/25
D34	12V	750	765	870	120	55	.0028	25.4	17.5	19.8	19.5	SAE	34
D35	12V	620	660	810	100	48	.0030	23.7	17.3	19.4	16.5	SAE	35
D51	12V	450	460	575	66	38	.0046	23.7	12.9	22.7	11.8	SAE	51
D51R	12V	450	460	575	66	38	.0046	23.7	12.9	22.7	11.8	SAE	51R
D31T	12V	900	975	1125	155	75	.0025	32.5	16.5	23.8	27.1	3/8 Stud	31T
D31A	12V	900	975	1125	155	75	.0025	32.5	16.5	23.8	27.1	SAE	31A

BLUETOP SPECIFICATIONS													
Model Number	Voltage	Cold Cranking Amps @ -18C (BCI)	Cold Cranking Amps @ -18C (EN)		Reserve Capacity	Capacity (C/20 Rate)	Internal Resistance (ohms)	Dimensions(CM)			Weight	Post	BCI
								Length	Width	Height	(Kg)	Туре	Group
34M***	12V	800	815	1000	100	50	.0030	25.4	17.5	19.8	17.4	Dual SAE & 5/16 Stud	34
D27M	12V	800	845	1000	140	66	.0025	30.9	17.3	22.2	24.4	Dual SAE & 5/16 Stud	27
D34M***	12V	750	765	870	120	55	.0028	25.4	17.5	19.8	19.7	Dual SAE & 5/16 Stud	34
D31M**	12V	900	975	1125	155	75	.0025	32.5	16.5	23.8	27.1	Dual SAE & 5/16 Stud	31

*D31M model fits group size 27 marine boxes and trays **34M and D34M models fit group size 24 marine boxes and trays

REDTOP SPECIFICATIONS													
Model Number	Voltage	Cold Cranking Amps @ -18C (BCI)	Cold Cranking Amps @ -18C (EN)	Cranking Amps @ OC	Reserve Capacity	Capacity (C/20 Rate)	Internal Resistance (ohms)	Dimensions(CM)			Weight	Post	BCI
								Length	Width	Height	(Kg)	Туре	Group
34/78	12V	800	815	1000	100	50	.0030	25.4	17.5	19.8	17.6	Dual SAE/ST	34/78
75/25	12V	720	730	910	90	44	.0030	23.7	17.3	19.4	15	Dual SAE/ST	75/25
25	12V	720	730	910	90	44	.0030	23.7	17.3	19.4	14.4	SAE	25
34	12V	800	815	1000	100	50	.0030	25.4	17.5	19.8	17.2	SAE	34
34R	12V	800	815	1000	100	50	.0030	25.4	17.5	19.8	17.2	SAE	34R
35	12V	720	730	910	90	44	.0030	23.7	17.3	19.4	14.4	SAE	35
6V	6V	800	815	1000	100	50	.0019	25.4	9.0	20.6	8.4	SAE	N/A





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OPTIMA batteries have various applications in marine market: they will keep you on the water longer. Its patented Spiralcell Technology® means more running time, faster recharge, and up to twice the life of traditional marine and RV batteries. Plus, it's spill-proof, can be stored longer, and has 15 times the vibration resistance, not to mention superior heat resistant. OPTIMA Batteries can be rotated even to 180° with no acid spillage, which can provide more possibilities of the angle of position when you load your battery.

If your boat has a lot of accessories such as lights, fish finder, trolling motor, radar, high-performance stereo, bilge pumps or chart plotter it demands more from its battery. OPTIMA deep cycle batteries provide the cycling ability your boat demands while maintaining the cranking ability it needs. When you use an OPTIMA battery, you don't need luck!



Founded in 1885, Johnson Controls is a global leader in automotive systems and facility management and control. Total sales revenue in 2012 reached US\$42 billion and Johnson Controls was awarded #5

company in Corporate Responsibility Magazine annual "100 Best Coporate Citizens" list, with its global battery market share reached 37%.



OPTIMA batteries are the premier position product of Johnson Controls Power Solutions Group, which also represent the highest technology level of the current battery market globally. OPTIMA batteries

with the unique SPIRALCELL TECHNOLOGY[®] and SIX PACK[™] design bring perfect performance in almost all extreme environments.





- in Water
- Temperature
- Powerful Crank
- applications available)

- absolute PEACE OF MIND

