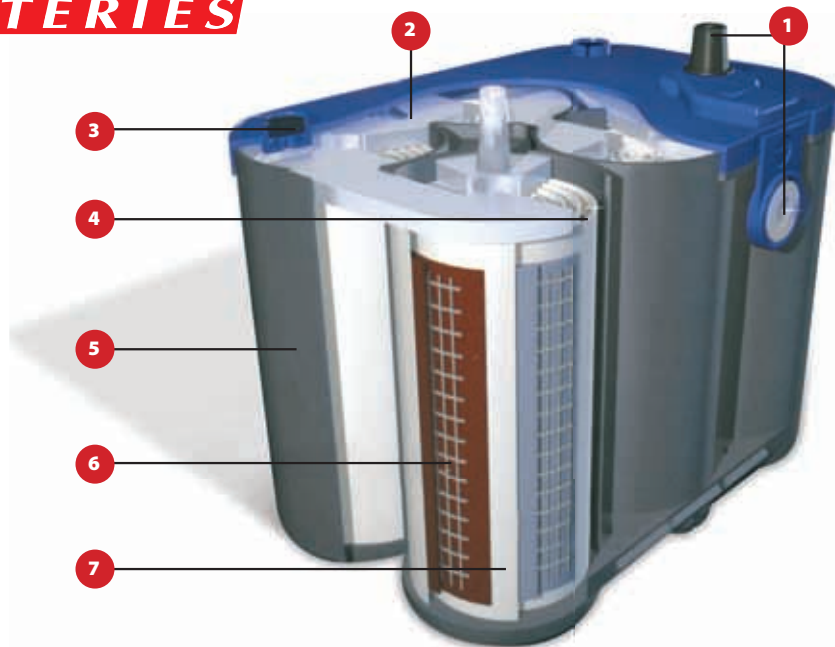




OPTIMA BATTERIES

OPTIMA
BATTERIES

1. Corrosion resistant terminals
2. Heavy duty straps for an optimal reliability
3. Resalable pressure relief valve with flame trap
4. SpiralCell construction with a maximum vibration resistance
5. Impact resistant polypropylene case
6. High purity lead grids for long life
7. Absorbent Glass Mat separator holds electrolyte like a sponge



OPTIMA SPIRALCELL TECHNOLOGY®

OPTIMA's unique anatomy is built on SpiralCell® Technology. Instead of flat plates used in ordinary batteries, OPTIMA uses two thin lead plates wound into a spiral cell with a glass-mat between to contain the acid. The technique of winding the cells, which are linked with solid connections, gives maximum performance with a minimum of size and weight. This makes the battery compact, robust and easy to mount.

ADVANTAGES

- Absolutely maintenance free
- Maximum vibration resistance
- Large cycle capacity
- Long storage period, high resistance to corrosion
- Leakproof, can be built-in in every position
- Quick charge, more capacity
- Better resistant to extreme temperatures



OPTIMA
BLUETOP™



Reference	BAT/28438	BAT/28435	BAT/28436	BAT/28434
	BT DC 5,5 [BCI D31M]	BT DC 5,0 [BCI D27M]	BT DC 4,2 [BCI D34M]	BT SLI 4,2 [BCI 34M]
A: mm	317	300	245	245
B: mm	218	200	173	173
C: mm	238	221	200	200
D: mm	158	169	172	172
E: mm	165	172	175	175
F: mm	325	309	254	254
G: mm	-	-	-	-
H: mm	-	-	-	-
V	12	12	12	12
(EN) CCA	975	845	765	815
Cap. (EN) Ah	75	66	55	50
(ECl) min	155	140	120	100
kg	26,5	22,7	19,7	17,4



OPTIMA REDTOP™

STARTING BATTERY FOR PROFESSIONAL USE

- Maximum starting power for big diesel engines and heavy machines
- This technology guarantees a maximum of starting power, also at extreme temperature differences of +40°C to -40°C.

OPTIMA YELLOWTOP™

DUAL POWER BATTERIES FOR PROFESSIONAL USE

- OPTIMA YellowTop is a battery which combines the advantages of a starting battery with those of a traction battery.

OPTIMA BLUETOP™

STARTING & DEEP CYCLE BATTERIE FOR MARINE

- BT SLI 4,2 : designed for engine starting applications. Not recommended or warranted for use in deep cycle applications.
- BT DC 4,2/BT DC 5,5 : dual purpose batteries. Designed for engine starting and deep cycle applications and for use in boats with large accessory loads.

OPTIMA YELLOWTOP™				
Reference	BAT/28326	BAT/28090	BAT/28428	BAT/28430
	YT S 5,5 [BCI D31]	YT S 4,2 [BCI D34]	YT U 4,2 [BCI D34/78]	YT S 2,7 [BCI D51]
A: mm	317	245	245	220
B: mm	218	173	173	200
C: mm	238	200	200	227
D: mm	158	172	172	121
E: mm	166	174	175	127
F: mm	324	254	254	234
G: mm	253	140	140	185
H: mm		-	82	
V	12	12	12	12
(EN) CCA	975	690	690	510
Cap. (EN) Ah	75	55	55	41
(ECl) min	155	120	120	70
kg	27,14	19,5	19,9	11,6

OPTIMA REDTOP™						
Reference	BAT/28324	BAT/16941	BAT/28417	BAT/28421	BAT/28419	BAT/28426
	RT C 4,2 [BCI 34]	RT S 4,2 [BCI 34]	RT U 4,2 [BCI 78]	RT S 3,7 [BCI 25]	RT U 3,7 [BCI 75]	RT S 2,1
A: mm	245	245	249	229	229	253
B: mm	183	173	173	169	169	176
C: mm	200	200	280	100	104	200
D: mm	172	172	172	172	172	83
E: mm	174	174	175	162	172	90
F: mm	256	254	254	237	237	253
G: mm	204	140	140	197	107	195
H: mm			82	-	200	-
V	12	12	12	12	12	6
(EN) CCA	815	815	815	730	730	815
Cap. (EN) Ah	50	50	50	44	44	50
(ECl) min	104	104	104	90	00	104
kg	17,2	17,2	17,6	14,4	15	8,3
Poles - Polen	center	+ left	US terminals	+ left	US terminals	+ right