

Rolls



ROLLS 4000 SERIES FLOODED CALCIUM BATTERY FC-420

FOR TELECOMMUNICATIONS / STANDBY APPLICATIONS



The **FC-420** is a flooded calcium stationary battery based on the well recognized L-16 platform.

By eliminating the use of antimony in the grid structure, the **FC-420** can sustain prolonged periods in float applications with nominal maintenance. The use of calcium in the **FC-420** grids lowers internal resistance and off-gassing during charge and reduces self-discharge rates.

Like all Rolls Battery products, the positive plate is thicker and more durable than our competitors (>4mm vs. 2.5mm) and are wrapped in glass matting and polyethelene envelope which ensures extended life and durability.

The Flooded Calcium **FC-420** model is a more robust, lower-cost alternative to equivalent capacity sealed (VRLA) models and is better suited to Float / Stand-by applications

Contact your Rolls Battery dealer, distributor or our sales team for more information.

MODEL	FC-420
CAPACITY (100 HR / 20HR Rate)	419 AH / 315 AH
WEIGHT	114 lbs / 51.70 kg

WWW.ROLLSBATTERY.COM

www.MatrixEnergy.ca
Toll Free: 1-866-630-5630





DEEP CYCLE
SERIES: 4000
MODEL: FC-420

BATTERY ENGINEERING
 WWW.ROLLSBATTERY.COM MADE IN CANADA

BATTERY TYPE: 6 VOLTS

DIMENSIONS:

LENGTH	318 MM	12 1/2 INCHES
WIDTH	181 MM	7 1/8 INCHES
HEIGHT	425 MM	16 3/4 INCHES

WEIGHTS:

WEIGHT DRY	35 KG	78 LBS.
WEIGHT WET	52 KG	114 LBS.

CONTAINER CONSTRUCTION:

CONTAINER: HIGH DENSITY POLYPROPYLENE

TERMINALS: FLAG TERMINAL

COVER: HIGH DENSITY POLYPROPYLENE

HANDLES: ROPE

PLATES:

POSITIVE PLATE DIMENSION:

HEIGHT	273 MM	10.750 INCHES
WIDTH	143 MM	5.625 INCHES
THICKNESS	4.32 MM	0.170 INCHES

CELLS: 3

PLATES/CELL: 15

NEGATIVE PLATE DIMENSION:

HEIGHT	273 MM	10.750 INCHES
WIDTH	143 MM	5.625 INCHES
THICKNESS	3.05 MM	0.120 INCHES

SEPARATOR:

THICKNESS 2 MM 0.061 INCHES

INSULATION:

GLASS MAT 1 MM 0.020 INCHES

CAPACITY:

ELECTROLYTE RESERVE:

ABOVE PLATES 57 MM 2.25 INCHES

RESERVE CAPACITY:

RC @ 25A 685 MINUTES

20 HR RATE: 315 50% DOD

	HOUR RATE	SPECIFIC GRAVITY	CAP / AH	CURRENT / AMPS
CAPACITY @	100 HOUR RATE	1.280 SP. GR.	419	4.19
CAPACITY @	72 HOUR RATE	1.280 SP. GR.	397	5.51
CAPACITY @	50 HOUR RATE	1.280 SP. GR.	375	7.50
CAPACITY @	24 HOUR RATE	1.280 SP. GR.	324	13.5
CAPACITY @	20 HOUR RATE	1.280 SP. GR.	315	15.8
CAPACITY @	15 HOUR RATE	1.280 SP. GR.	296	19.7
CAPACITY @	12 HOUR RATE	1.280 SP. GR.	280	23.4
CAPACITY @	10 HOUR RATE	1.280 SP. GR.	268	26.8
CAPACITY @	8 HOUR RATE	1.280 SP. GR.	252	31.5
CAPACITY @	6 HOUR RATE	1.280 SP. GR.	233	38.9
CAPACITY @	5 HOUR RATE	1.280 SP. GR.	221	44
CAPACITY @	4 HOUR RATE	1.280 SP. GR.	205	51
CAPACITY @	3 HOUR RATE	1.280 SP. GR.	186	62
CAPACITY @	2 HOUR RATE	1.280 SP. GR.	161	80
CAPACITY @	1 HOUR RATE	1.280 SP. GR.	113	113



296 Labrosse Avenue, Pointe-Claire, QC, H9R 5L8, Canada
 Phone: (514) 630-5630 Fax: (514) 426-9123
 Toll Free: 1-866-630-5630 email: info@matrixenergy.ca
 For more information visit www.matrixenergy.ca



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