



## VTX 1 M 170 - Cell data sheet

### Classification

Brand	Alcad
Cell type	VTX 1 M 170
Cell P/N	31-05614-8*
Capacity at 5 hours rate	170 Ah
IEC Designation	KGM170P
According to IEC 62259	



### Physical data

Overall height	421 mm	Weight per cell	9,9 Kg
Width	195 mm	Block length - 2 cells	
Length		Block length - 4 cells	304 mm
Block length - 3 cells		Block length - 6 cells	450 mm
Block length - 5 cells	377 mm	Block length - 8 cells	
Block length - 7 cells		Block length - 10 cells	
Block length - 9 cells			

### Construction

Container material	Polypropylene	No. of terminals/polarity	1
Separator type	Felt	Terminal material	Steel
Connection torque	30,0 +/- 3,0 Nm	Vent type	low pressure flame arresting vent
Terminal size	M10		

### Plates

Positive		Negative	
Type of plates	Maintenance Free Pocket	Type of plates	Maintenance Free Pocket

ALCAD confidential and proprietary. The data herein given are for information purposes only and are not binding on ALCAD. They may be modified without prior notice. Please contact an ALCAD representative in order to obtain confirmation of the above data.

Visit our website at [www.alcad.com](http://www.alcad.com)

Version: 1.4, Last updated on 01/2015

P 1/2



## VTX 1 M 170 - Cell data sheet

### Electrolyte

---

Electrolyte type: Renewal	E13	Max/Min	50 mm
Electrolyte type: Initial	E22	Vent oil quantity	
Electrolyte per cell: Liquid	2,4 liters		

### Connection

---

Cable area	70 mm <sup>2</sup>
------------	--------------------

### Charging

---

Float voltage	1,42 V/Cell	High rate voltage (min)	1,45 V/Cell
Single-level voltage	1,42 V/Cell		

### Resistance/Short circuit

---

Internal resistance	0,67 mOhm	Short circuit current	1828 A
---------------------	-----------	-----------------------	--------