



VTX 1 M 1030 - Cell data sheet

Classification

| | |
|--------------------------|--------------|
| Brand | Alcad |
| Cell type | VTX 1 M 1030 |
| Cell P/N | 31-05637-8* |
| Capacity at 5 hours rate | 1 030 Ah |
| IEC Designation | KGM1030P |
| According to IEC 62259 | |



Physical data

| | | | |
|------------------------|--------|-------------------------|---------|
| Overall height | 405 mm | | |
| Width | 195 mm | Weight per cell | 56,4 Kg |
| Length | 412 mm | Block length - 2 cells | |
| Block length - 3 cells | | Block length - 4 cells | |
| Block length - 5 cells | | Block length - 6 cells | |
| Block length - 7 cells | | Block length - 8 cells | |
| Block length - 9 cells | | Block length - 10 cells | |

Construction

| | | | |
|--------------------|-----------------|---------------------------|--------------------------------------|
| Container material | Polypropylene | No. of terminals/polarity | 5 |
| 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

Version: 1.4, Last updated on 01/2015

P 1/2



VTX 1 M 1030 - Cell data sheet

Electrolyte

| | | | |
|------------------------------|-------------|-------------------|-------|
| Electrolyte type: Renewal | E13 | Max/Min | 50 mm |
| Electrolyte type: Initial | E22 | Vent oil quantity | |
| Electrolyte per cell: Liquid | 13,5 liters | | |

Connection

| | |
|------------|--------------------|
| Cable area | 70 mm ² |
|------------|--------------------|

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 | 0,11 mOhm | Short circuit current | 11073 A |
|---------------------|-----------|-----------------------|---------|