



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1668	10-May-2004	Number 17 (Provisional)	Issue date 1-May-2020	30-Apr-2021

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Product designation

Topin, Series TP, sealed lead acid batteries

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Valen Power Pty Ltd
105 Loughnan Street, LAKE CARGELLIGO, NSW, AUSTRALIA, 2672

Registrant

Valen Power Pty Ltd
105 Loughnan Street, LAKE CARGELLIGO, NSW, AUSTRALIA, 2672

Producer

Topin Battery Ltd
Rm 1803, Tsun Yip Centre, 41 Tsun Yip Street, KWUNG TONG KLN, HONG KONG, CHINA

Conformance criteria and evaluation

The Topin, Series TP, sealed lead acid batteries have been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 1603.4, Appendix G-1987, 'Automatic fire detection and alarm systems - Control and indicating equipment'.
2. SSL Appraisal Specification FAS-101, Version 1.0, 'AS 1603.4-1987, Appendix G, type batteries'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Topin, Series TP, sealed lead acid batteries are for application in cyclic service with repeated charges and discharges, or standby use in which the battery is normally maintained in a charged state and discharged only when required.

The Topin, Series TP, sealed lead acid batteries are fully sealed with the exception of the gas pressure regulated safety valve. Unless stated otherwise by the manufacturer, the batteries are maintenance-free and can be operated and stored in any position. The batteries contain no free electrolyte, and gas generated from water electrolysis by overcharging is absorbed by the electrodes and not expelled by the battery, under normal operation.

Technical specification

The following details are a representative extract of the technical specification for the Topin, Series TP, sealed lead acid batteries and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Battery type	Nominal voltage	Rated capacity 20hr 1.75v/cell	Casing length	Casing width	Overall height (incl. terminals)	Approx. weight
TP6-1.3	6 V	1.3 Ah	97 mm	25 mm	51 mm	0.33 kg
TP6-3.3	6 V	3.3 Ah	133 mm	33 mm	60 mm	0.60 kg
TP6-5S	6 V	5.0 Ah	67 mm	67 mm	90 mm	0.95 kg
TP6-7.5	6 V	7.5 Ah	150 mm	34 mm	99 mm	1.40 kg
TP6-12	6 V	12.0 Ah	150 mm	50 mm	99 mm	2.10 kg
TP12-1.3	12 V	1.3 Ah	97 mm	45 mm	57 mm	0.58 kg
TP12-2.2	12 V	2.2 Ah	178 mm	35 mm	66 mm	0.95 kg
TP12-2.3	12 V	2.3 Ah	182 mm	23 mm	60 mm	1.00 kg
TP12-2.9	12 V	2.9 Ah	78 mm	53 mm	105 mm	1.20 kg
TP12-3.3	12 V	3.3 Ah	134 mm	67 mm	61 mm	1.30 kg
TP12-5.0	12 V	5.0 Ah	89 mm	68 mm	105 mm	1.80 kg
TP12-7	12 V	7.0 Ah	151 mm	65 mm	95 mm	2.30 kg
TP12-9	12 V	9.0 Ah	151 mm	65 mm	94 mm	2.70 kg
TP12-12	12 V	12.0 Ah	151 mm	99 mm	95 mm	4.00 kg
TP12-18	12 V	18.0 Ah	181 mm	76 mm	167 mm	6.20 kg
TP12-21	12 V	21.0 Ah	180 mm	76 mm	167 mm	7.50 kg
TP12-26	12 V	26.0 Ah	174 mm	164 mm	125 mm	9.10 kg
TP12-33	12 V	33.0 Ah	192 mm	126 mm	158 mm	12.00 kg
TP12-40	12 V	40.0 Ah	197 mm	165 mm	170 mm	14.00 kg
TP12-55	12 V	55.0 Ah	230 mm	138 mm	210 mm	18.90 kg
TP12-65	12 V	65.0 Ah	350 mm	167 mm	178 mm	24.00 kg
TP12-70	12 V	70.0 Ah	256 mm	168 mm	208 mm	25.00 kg
TP12-90	12 V	90.0 Ah	305 mm	167 mm	208 mm	28.00 kg
TP12-100	12 V	100.0 Ah	330 mm	175 mm	218 mm	30.50 kg
TP12-120	12 V	120.0 Ah	338 mm	175 mm	218 mm	32.00 kg
TP12-150	12 V	150.0 Ah	480 mm	170 mm	240 mm	42.50 kg
TP12-200	12 V	200.0 Ah	530 mm	266 mm	215 mm	42.50 kg