



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3029	15-Apr-2016	Number 10	Issue date 24-Mar-2023	30-Apr-2024

Product designation

Bosch, BA Series (AGM Deep Cycle), valve regulated sealed lead acid batteries
(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Robert Bosch (Australia) Pty Ltd
1555 Centre Road, CLAYTON, VIC, AUSTRALIA, 3168

Registrant

Robert Bosch (Australia) Pty Ltd
1555 Centre Road, CLAYTON, VIC, AUSTRALIA, 3168

Conformance criteria and evaluation

The Bosch, BA Series (AGM Deep Cycle), valve regulated sealed lead acid batteries has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Technical Specification TS001, Version 1.1, 17-Jul-2006, 'Lead-acid batteries for control and indicating equipment, AS 4428.5-1998, clause 2.6'.

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.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. TS-001 does not establish the evidence required to demonstrate conformity of VRSLA batteries to electrical safety regulations that apply to CIE and related applications due to the requirements now specified in AS/NZS 62368.1:2018.

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

Kaj Loh
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Technical specification

The following details are a representative extract of the technical specification for the Bosch, BA Series (AGM Deep Cycle), valve regulated 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.

Bosch P/N	Voltage (V)	20 Hr Capacity (Ah)	Length (mm)	Width (mm)	Total Height (mm)	Terminal type
BA6-4.5	6V	4.5	70	47	106	T1
BA6-7	6V	7.0	151	34	100	T1
BA6-12	6V	12.0	151	51	100	T1
BA12-2.9	12V	2.9	79	56	105	T1
BA12-5	12V	5.0	151	53	99	T1
BA12-5.8	12V	5.8	90	70	107	T1
BA12-5.8T2	12V	5.8	90	70	107	T2
BA12-7T1	12V	7.0	151	65	99	T1
BA12-7T2	12V	7.0	151	65	99	T2
BA12-9	12V	9.0	151	65	99	T2
BA12-12	12V	12.0	151	98	101	T2
BA12-14	12V	14.0	151	98	101	T2
BA12-14	12V	14.0	151	98	101	T2

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Nominal operating temp. range	25 ±3°C (77 ±5°F)
Operating temp. range	Discharge : -15 to 50°C (-5° to 122°F)
	Charge : 0 to 40°C (32° to 104°F)
	Storage : -15 to 40°C (-5° to 104°F)

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report	XF2941/R2	Evaluation for conformity of the Bosch, BA Series (AGM Deep Cycle), valve regulated sealed lead acid batteries to the requirements of TS001, Version 1.1, 17-Jul-2006	23-Aug-2016	CSIRO, Infrastructure Technologies Fire Systems and Acoustics, AU
File name	BA12-12.pdf BA12-14.pdf BA12-2.9.pdf BA12-5.0.pdf BA12-7.0.pdf BA6-12.pdf BA6-4.5.pdf	Datasheets – XF2941	Dec-2013	Robert Bosch (Australia) Pty Ltd, VIC, AU - Producer
Brochure	MJ00187A 02.2015	Bosch Program Specification Program Application	18-Feb-2015	Robert Bosch (Australia) Pty Ltd, VIC, AU