



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3824	7-Jul-2023	Number 1	Issue date 17-Jul-2023	30-Apr-2025

Page 1 of 2

Product designation

Powerhouse Batteries, Standard Series, sealed lead acid batteries

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

Agent/distributor

Altronic Distributors Pty Ltd
174 Roe Street, PERTH, WA, AUSTRALIA, 6000

Registrant

Altronic Distributors Pty Ltd
174 Roe Street, PERTH, WA, AUSTRALIA, 6000

Producer

LCB
No. 336. Sec 1, Yuancao Road, Fenyuan Township, Chang-hua, TAIWAN, 502

Conformance criteria and evaluation

The Powerhouse Batteries, Standard Series, sealed lead acid batteries has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. CSIRO Technical Specification TS-015, Version 1,07-Nov-2022, 'Verification of conformity of valve regulated sealed lead-acid (VRSLA) batteries for FDCIE/EWCIE.'

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

Kaj Loh
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3824	7-Jul-2023	Number 1	Issue date 17-Jul-2023	30-Apr-2025

Technical specification

The following details are a representative extract of the technical specification for the Powerhouse Batteries, Standard Series, 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.

Trade Brand	Model	Nominal voltage	Nominated Capacity (Ah)	Connection	Height (mm)	Length (mm)	Width (mm)	Weight (kg)
Powerhouse Batteries	S 4482	6	1.3	4.8 mm spade / F1	57	97	25	0.3
	S 4491	6	4.5	4.8 mm spade / F1	105	70	48	0.76
	S 4501	6	12	4.8 mm spade / F1	99	151	51	1.85
	S 4517	12	1.3	4.8 mm spade / F1	59	97	43	0.56
	S 4528	12	2.9	4.8 mm spade / F1	107	56	79	1.1
	S 4530	12	3.5	4.8 mm spade / F1	66	134	67	1.35
	S 4532	12	4.5	4.8 mm spade / F1	107	90	70	1.5
	S 4538	12	7	4.8 mm spade / F1	100	151	65	2
	S 4539	12	7	6.3 mm spade / F2	100	151	65	2
	S 4540	12	7.2	4.8 mm spade / F1	100	151	65	2.3
	S 4542	12	9	4.8 mm spade / F1	100	151	65	2.65
	S 4543	12	9	6.3 mm spade / F2	100	151	65	2.65
	S 4545	12	10	6.3 mm spade / F2	119	151	65	3.2
	S 4547	12	12	4.8 mm spade / F1	100	151	98	3.7
	S 4548	12	12	6.3 mm spade / F2	100	151	98	3.7
	S 4550	12	18	M5 bolt / F13	167	181	76	5.4
	S 4552	12	20	M5 bolt & nut / F3	167	181	76	5.9
	S 4554	12	26	M5 bolt / ff12	125	166	175	8.2
	S 4561	12	35	M6 bolt / F8	155	195	130	10.7
	S 4563	12	40	M6 bolt / F8	170	197	165	12.8
S 4565	12	50	M6 bolt / F8	170	197	165	14.6	
S 4567	12	60	M6 bolt / F8	213	229	138	16.5	
S 4569	12	70	M6 bolt / F8	179	350	167	21	
S 4571	12	80	M6 bolt / F8	215	258	166	23	
S 4574	12	90	M6 bolt / F8	215	303	169	27	
S 4576	12	100	M8 bolt / F17	220	330	173	30.5	
S 4579	12	126	M8 bolt / F17	227	410	176	36	

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	CSBA0051/R1	Verification of Conformity of the Powerhouse, 6 and 12V, valve-regulated sealed lead acid battery series to IEC 60896-21:2004 and IEC 60896-22:2004 in accordance with CSIRO Technical Specification TS-015 'Verification of Conformity of Valve Regulated Sealed Lead-Acid (VRSLA) Batteries for FDCIE/EWCIE' Ver 2 (10-Feb-2023)	14-Jul-2023	CSIRO Fire Systems Laboratory, AU
Specification / Technical sheet	As per Title / Description	Powerhouse Batteries Sealed Lead Acid (SLA) Batteries S 4482 S 4491 S 4501 S 4517 S 4528 S 4530 S 4532 S 4538 S 4539 S 4540 S 4542 S 4543 S 4545 S 4547 S 4548 S 4550 S 4552 S 4554 S 4561 S 4563 S 4565 S 4567 S 4569 S 4571 S 4574 S 4576 S 4579	23-Mar-2023	Altronic Distributors Pty Ltd, WA, AU