



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3601	18-Jun-2021	Number 5	Issue date 7-Apr-2025	30-Apr-2026

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Product designation

Predator, ES Series, sealed lead acid batteries

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

Agent/distributor

R & J Batteries
852 Latrobe Street, BALLARAT, VIC, AUSTRALIA, 3350

Registrant

R & J Batteries
852 Latrobe Street, BALLARAT, VIC, AUSTRALIA, 3350

Producer

Leoch Battery Pte. Ltd.
1 Tech Park Crescent, SINGAPORE, 638131

Conformance criteria and evaluation

The Predator, ES 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 3, 19-Jun-2024, '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

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Producer's description

The Predator, ES Series, sealed lead acid batteries are a multi-purpose AGM batteries suitable for stand-by or float applications. They are designed for everyday use, general and light cycling duties. With 6 volt and 12 volt sizes available from 1.3Ah up to 260Ah there is a Predator ES battery available to meet general purpose or stand-by needs.

Technical specification

The following details are a representative extract of the technical specification for the Predator, ES 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.

Model	Voltage (V)	20h rated capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Total height (mm)	Weight (kg)
ES650A	6	5.4	70	47	100	106	0.80
ES670	6	7.0	151	34	94	100	1.10
ES6120	6	12.0	151	50	94	100	1.60
ES1250	12	5.0	90	70	101	107	1.80
ES1272	12	7.2	151	65	94	100	2.20
ES1290	12	9.0	151	65	94	100	2.60
ES12100	12	10.0	151	65	111	117	3.07
ES12120	12	12.0	151	98	95	101	3.43
ES12180	12	18.0	182	77	156	168	5.35
ES12220	12	20.0	182	77	168	168	5.78
ES12260	12	26.0	166	175	125	125	7.80
ES12350	12	35.0	195	130	164	178	11.2
ES12450	12	45.0	197	165	170	170	14.2
ES12550	12	55.0	229	138	205	211	16.2
ES12850	12	80.0	260	168	208	214	23.8
ES121000	12	100.0	306	168	208	214	28.2
ES121200	12	120.0	330	173	212	220	31.2
ES122200	12	220.0	522	240	218	224	63.5
ES122600	12	260.0	522	268	220	226	72.8

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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	CSBA0129/R1	Verification of Conformity of the Predator, ES Series, sealed lead acid batteries 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 3 (19-Jun-2024)	20-Jun-2024	CSIRO Fire Systems Laboratory, AU
	XL3426/R1	Evaluation for conformity of the Predator, ES Series, sealed lead acid batteries to the requirements of TS001, Version 1.1, 17-Jul-2006	4-Jun-2021	
Data Summary Sheet	As per Title / description	Predator AGM Batteries Product Data Sheet Issued By: R & J Batteries PTY LTD ES650A ES670 ES1250 ES1272 ES1272 ES1290 ES12100 ES12120 ES12180 ES12220 ES12260 ES12350 ES12450 ES12550 ES12850 ES121000 ES121200 ES1222200 ES122600	21-Jun-2021	R & J Batteries, AU
Catalog	Predator ES Series.pdf	Predator AGM Batteries General Purpose and Deep Cycle AGM Batteries ES & ED Series (Predator ES Series.pdf)	3-Aug-2020	