

Changes to Approved Batteries' usable and nominal capacities

The following table describes changes to usable and nominal capacities for select products on the Approved Batteries list made between 22 July 2025 and 15 October 2025.

Date of change	Manufacturer/Certificate Holder	Model Number	Old Usable Capacity (kWh)	New Usable Capacity (kWh)	Old Nominal Capacity (kWh)	New Nominal Capacity (kWh)
22-Jul-25	Alpha ESS Co Ltd	SMILE-BAT-8.2 PH VI	46.7	46.8	-	-
22-Jul-25	iPotisEdge Co Ltd	ALOE PRO-M10	8.64	9.6	-	-
22-Jul-25	iPotisEdge Co Ltd	ALOE PRO-M15	12.96	14.4	-	-
22-Jul-25	iPotisEdge Co Ltd	ALOE PRO-M20	17.28	19.2	-	-
22-Jul-25	iPotisEdge Co Ltd	ALOE PRO-M5	4.32	4.8	-	-
22-Jul-25	iPotisEdge Co Ltd	ALOE-MB10	8.64	9.6	-	-
22-Jul-25	iPotisEdge Co Ltd	ALOE-MB15	12.96	14.4	-	-
22-Jul-25	iPotisEdge Co Ltd	ALOE-MB20	17.28	19.2	-	-
22-Jul-25	iPotisEdge Co Ltd	ALOE-MB5	4.32	4.8	-	-
25-Jul-25	Enphase Energy Inc	B05-T02-ROW00-1-2 (AS4777-2 2020)	4.96	5	-	-
29-Jul-25	Alpha ESS Co Ltd	SMILE-G3-BAT-10.1P III	-	-	30.3	30.2
29-Jul-25	Alpha ESS Co Ltd	SMILE-G3-BAT-10.1P IV	-	-	40.4	40.3
29-Jul-25	Alpha ESS Co Ltd	SMILE-G3-BAT-10.1P V	-	-	50.5	50.4
29-Jul-25	Alpha ESS Co Ltd	SMILE-G3-BAT-10.1P VI	-	-	60.6	60.5
26-Aug-25	REDX TECHNOLOGY AUSTRALIA PTY LTD	RX-0050B	4.608	5.12	-	-
26-Aug-25	Redx Technology Australia Pty Ltd	RX-5006Plus (AS4777-2 2020)	6.32	6.69	-	-
26-Aug-25	Redx Technology Australia Pty Ltd	RX-5010Plus (AS4777-2 2020)	9.48	10.03	-	-
26-Aug-25	Redx Technology Australia Pty Ltd	RX-5013Plus (AS4777-2 2020)	12.64	13.37	-	-

26-Aug-25	Redx Technology Australia Pty Ltd	RX-7006Plus (AS4777-2 2020)	6.32	6.69	-	-
26-Aug-25	Redx Technology Australia Pty Ltd	RX-7010Plus (AS4777-2 2020)	9.48	10.03	-	-
26-Aug-25	Redx Technology Australia Pty Ltd	RX-7013Plus (AS4777-2 2020)	12.64	13.37	-	-
03-Sep-25	FOXESS CO LTD	1K5-BAT-4660-L2	8.38	9.32	-	-
03-Sep-25	FOXESS CO LTD	1K5-BAT-4660-L3	12.58	13.98	-	-
03-Sep-25	FOXESS CO LTD	1K5-BAT-4660-L4	16.77	18.64	-	-
03-Sep-25	FOXESS CO LTD	1K5-BAT-4660-L5	20.97	23.3	-	-
03-Sep-25	FOXESS CO LTD	1K5-BAT-4660-L6	25.16	27.96	-	-
03-Sep-25	FOXESS CO LTD	1K5-BAT-4660-L7	29.34	32.61	-	-
03-Sep-25	FOXESS CO LTD	1K5-BAT-4660-L8	33.54	37.27	-	-
03-Sep-25	FOXESS CO LTD	1K5-BAT-4660-L9	37.73	41.93	-	-
03-Sep-25	FOXESS CO LTD	EP11	9.33	10.36	-	-
03-Sep-25	FOXESS Co Ltd	EQ4800-L2	8.39	9.32	-	-
03-Sep-25	FOXESS Co Ltd	EQ4800-L3	12.58	13.98	-	-
03-Sep-25	FOXESS Co Ltd	EQ4800-L4	16.78	18.64	-	-
03-Sep-25	FOXESS Co Ltd	EQ4800-L5	20.97	23.3	-	-
03-Sep-25	FOXESS Co Ltd	EQ4800-L6	25.16	27.96	-	-
03-Sep-25	FOXESS Co Ltd	EQ4800-L7	29.35	32.61	-	-
03-Sep-25	FOXESS Co Ltd	EQ4800-L8	33.54	37.27	-	-
03-Sep-25	FOXESS Co Ltd	EQ4800-L9	37.74	41.93	-	-
04-Sep-25	8 Star Energy Pty Ltd	PS2900H-2	5.18	5.76	-	-
04-Sep-25	8 Star Energy Pty Ltd	PS2900H-3	7.78	8.64	-	-
04-Sep-25	8 Star Energy Pty Ltd	PS2900H-4	10.37	11.52	-	-
04-Sep-25	8 Star Energy Pty Ltd	PS2900H-5	12.96	14.4	-	-
04-Sep-25	8 Star Energy Pty Ltd	PS2900H-6	15.55	17.28	-	-
04-Sep-25	8 Star Energy Pty Ltd	PS2900H-7	18.14	20.16	-	-
12-Sep-25	Shenzhen Growatt New Energy Co Ltd	ALP 5.0L-E1	4.6	5	-	-

12-Sep-25	Shenzhen Growatt New Energy Co Ltd	ALP 20.0L-E1	18.4	20	-	-
12-Sep-25	Shenzhen Growatt New Energy Co Ltd	ALP 10.0L-E1	9.2	10	-	-
12-Sep-25	Shenzhen Growatt New Energy Co Ltd	ALP 35.0L-E1	32.2	35	-	-
12-Sep-25	Shenzhen Growatt New Energy Co Ltd	ALP 15.0L-E1	13.8	15	-	-
12-Sep-25	Shenzhen Growatt New Energy Co Ltd	ALP 25.0L-E1	23	25	-	-
12-Sep-25	Shenzhen Growatt New Energy Co Ltd	ALP 30.0L-E1	27.6	30	-	-
12-Sep-25	Shenzhen Growatt New Energy Co Ltd	ALP 40.0L-E1	36.8	40	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-10.0-HV1	9	9.6	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-10.0-HV5	9	9.6	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-15.0-HV1	13.5	14.4	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-15.0-HV5	13.5	14.4	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-20.0-HV1	18	19.2	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-20.0-HV5	18	19.2	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-25.0-HV1	22.5	24	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-25.0-HV5	22.5	24	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-5.0-HV1	4.5	4.8	-	-
15-Oct-25	Guangzhou Sanjing Electric Co Ltd	B2-5.0-HV5	4.5	4.8	-	-
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP100r2	9.18	10	-	-
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP150r2	13.77	15	-	-
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP200r2	18.36	20	-	-
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP200r2-A	18.36	20	-	-
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP300r2	27.54	30	-	-
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP400r2	36.72	40	-	-
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP50r2	4.59	5	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	AI-W5.1-B	4.6	5.12	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G15	13.82	15.36	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G20	18.43	20.48	-	-

15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G25	23.04	25.6	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G30	27.64	30.72	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G35	32.25	35.84	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G40	36.86	40.96	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G45	41.47	46.08	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G50	46.08	51.2	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G55	50.68	56.32	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	BOS-G60	55.29	61.44	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	GE-F60	55.29	61.44	-	-
15-Oct-25	NINGBO DEYE ESS TECHNOLOGY CO LTD	RW-F10.2	9.2	10.2	-	-
15-Oct-25	Ningbo Deye Ess Technology Co Ltd	RW-M6.1-B	5.53	6.14	-	-
15-Oct-25	Solar Bos Pty Ltd	B2-5.0-HV1	4.5	4.75	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-10K-T2-2 4G (AS4777-2 2020)	9	9.5	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-10K-T2-3 4G (AS4777-2 2020)	13.5	14.25	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-10K-T2-4 4G (AS4777-2 2020)	18	19	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-3K-S2-1 4G (AS4777-2 2020)	4.5	4.75	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-3K-S2-2 4G (AS4777-2 2020)	9	9.5	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-5K-S2-1 4G (AS4777-2 2020)	4.5	4.75	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-5K-S2-2 4G (AS4777-2 2020)	9	9.5	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-5K-S2-3 4G (AS4777-2 2020)	13.5	14.25	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-5K-S2-4 4G (AS4777-2 2020)	18	19	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-5K-T2-2 4G (AS4777-2 2020)	9	9.5	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-5K-T2-3 4G (AS4777-2 2020)	13.5	14.25	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-5K-T2-4 4G (AS4777-2 2020)	18	19	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-6K-S2-1 4G (AS4777-2 2020)	4.5	4.75	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-6K-S2-2 4G (AS4777-2 2020)	9	9.5	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-6K-S2-3 4G (AS4777-2 2020)	13.5	14.25	-	-

15-Oct-25	Solar Bos Pty Ltd	HS2-6K-S2-4 4G (AS4777-2 2020)	18	19	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-8K-T2-2 4G (AS4777-2 2020)	9	4.75	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-8K-T2-3 4G (AS4777-2 2020)	13.5	9.5	-	-
15-Oct-25	Solar Bos Pty Ltd	HS2-8K-T2-4 4G (AS4777-2 2020)	18	14.25	-	-
15-Oct-25	Zhejiang Hyxi Technology Co Ltd	HYX-E100-H	9	5.035	-	-
15-Oct-25	Zhejiang Hyxi Technology Co Ltd	HYX-E150-H	13.5	10.07	-	-
15-Oct-25	Zhejiang Hyxi Technology Co Ltd	HYX-E200-H	18	15.105	-	-
15-Oct-25	Zhejiang Hyxi Technology Co Ltd	HYX-E50-H	4.5	20.14	-	-

For the cells highlighted, please note the additional modifications to the model numbers in the table below:

Date of Change	Manufacturer/Certificate Holder	Old Model Number	New Model Number	Notes
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP50r2	HEC2-BHP50r2	Adding "HEC2-" prefix.
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP100r2	HEC2-BHP100r2	Adding "HEC2-" prefix.
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP150r2	HEC2-BHP150r2	Adding "HEC2-" prefix.
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP200r2	HEC2-BHP200r2	Adding "HEC2-" prefix.
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP400r2	HEC2-BHP400r2	Adding "HEC2-" prefix.
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP200r2-A	HEC2-BHP200r2-A	Adding "HEC2-" prefix.
15-Oct-25	Hiconics Eco-energy Drive Technology Co Ltd	BHP300r2	HEC2-BHP300r2	Adding "HEC2-" prefix.