

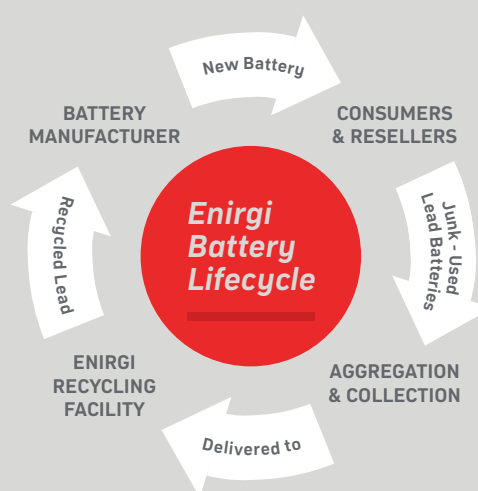
# Your battery specialists

Enirgi Power Storage is a leading provider of energy storage solutions for residential, commercial and industrial sectors and supplies high quality brand name batteries for automotive, marine, renewable energy, leisure equipment and devices.

Enirgi Power Storage offers an innovative and integrated business model through which Enirgi Group has established itself as a recognised player in the Australia and New Zealand energy storage space and is undergoing global expansion through strategic acquisitions.

Our comprehensive network of retail stores and wholesale outlets covering all the major population centres in Australia and growth potential in New Zealand provides national coverage for our Power Storage division, and our unique service model dedicated to the supply, collection and recycling of lead-acid batteries underpins our rapid growth.

With a growing portfolio of power storage solutions and a fully integrated lead metal recycling business, Enirgi Group's Power Storage Division is well positioned to be a leading global supplier of energy storage products and solutions.



# PREMIUM RENEWABLE ENERGY



## APPLICATION

Enirgi Premium RE cells are manufactured to the highest standards of quality and workmanship. The tubular plate technology in gel immobilised electrolyte with valve regulated ventilation, eliminates the need for topping up over the life of the battery. Batteries built with these cells are used to store electrical energy in medium to large renewable

energy installations. Their robust design, unique Calcium lead alloy materials and patented features make them the perfect match for long life cycling duty under the most onerous of circumstances. These include partial state of charge (PSOC) operation in solar photovoltaic systems with widely varying climatic conditions.

PRODUCT RANGE													
Type	Nom. Capacity (Ah at 20°C)							R <sub>int</sub> 1)	I <sub>sc</sub> 2)	Length	Width	Height*	Weight
	C <sub>1h</sub>	C <sub>10h</sub>	C <sub>20h</sub>	C <sub>72h</sub>	C <sub>100h</sub>	C <sub>120h</sub>	C <sub>240h</sub>						
	1.67 Vpc	1.80 Vpc						mOhm	kA	mm	mm	mm	kg
2 OPV 140	71	121	134	153	157	158	165	1.65	1.30	105	208	420	12.4
3 OPV 210	107	182	202	229	236	238	247	1.15	1.86	105	208	420	17.1
4 OPV 280	143	243	268	306	314	318	331	0.89	2.40	105	208	420	19.4
5 OPV 350	179	304	336	383	393	397	412	0.73	2.91	126	208	420	23.3
6 OPV 420	215	364	404	460	472	477	496	0.63	3.39	147	208	420	27.4
5 OPV 550	254	447	506	570	583	589	609	0.68	3.14	126	208	535	31.4
6 OPV 660	302	529	598	671	686	693	715	0.58	3.64	147	208	535	36.9
7 OPV 770	350	610	688	770	788	795	820	0.52	4.12	168	208	535	42.4
6 OPV 900	417	729	834	943	968	978	1,012	0.46	4.63	147	208	710	51.0
7 OPV 1050	492	858	980	1,116	1,140	1,154	1,195	0.36	5.81	215	193	710	61.9
8 OPV 1200	559	970	1,106	1,252	1,280	1,296	1,344	0.32	6.54	215	193	710	68.8
9 OPV 1350	616	1,090	1,252	1,418	1,450	1,464	1,524	0.34	6.29	215	235	710	77.0
10 OPV 1500	691	1,200	1,382	1,562	1,600	1,620	1,675	0.28	7.50	215	235	710	83.9
11 OPV 1650	748	1,320	1,512	1,713	1,750	1,764	1,836	0.28	7.56	215	277	710	92.2
12 OPV 1800	822	1,440	1,644	1,857	1,900	1,920	1,989	0.24	8.63	215	277	710	99.2
11 OPV 2090	839	1,570	1,772	2,023	2,070	2,088	2,169	0.27	7.86	215	277	855	108.2
12 OPV 2280	927	1,710	1,918	2,181	2,230	2,256	2,337	0.23	9.18	215	277	855	116.5
13 OPV 2470	1,040	1,890	2,120	2,426	2,490	2,508	2,592	0.18	11.91	215	400	815	131.4
14 OPV 2660	1,125	2,070	2,320	2,678	2,740	2,772	2,880	0.17	12.63	215	400	815	141.2
15 OPV 2850	1,191	2,170	2,420	2,772	2,840	2,868	2,976	0.16	13.25	215	400	815	147.9
16 OPV 3040	1,265	2,300	2,580	2,937	3,000	3,036	3,144	0.15	13.94	215	400	815	156.2
17 OPV 3230	1,358	2,480	2,780	3,182	3,260	3,300	3,408	0.14	15.32	215	490	815	173.6
18 OPV 3420	1,433	2,610	2,920	3,348	3,420	3,468	3,576	0.13	16.03	215	490	815	181.4
19 OPV 3610	1,507	2,740	3,080	3,506	3,590	3,624	3,744	0.12	16.70	215	490	815	189.6
20 OPV 3800	1,581	2,870	3,220	3,664	3,750	3,792	3,912	0.12	17.37	215	490	815	197.8
22 OPV 4180	1,740	3,210	3,600	4,118	4,220	4,272	4,416	0.11	18.43	215	580	815	205.7
24 OPV 4560	1,887	3,470	3,900	4,442	4,550	4,596	4,752	0.10	19.76	215	580	815	222.0
26 OPV 4940	2,014	3,650	4,060	4,608	4,710	4,764	4,920	0.10	21.02	215	580	815	235.1

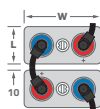
All values given in the table correspond to 100 % DOD without voltage drop across connectors

1), 2) Internal resistance R<sub>i</sub> and short circuit current I<sub>sc</sub> according to IEC 60896-21

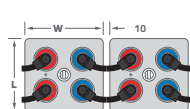
\*Height is the maximum height between the container bottom and top of the bolts in the assembled condition

## TERMINAL LAYOUTS

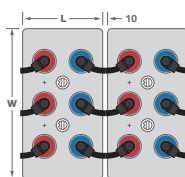
OPV 140 to OPV 900



OPV 1050 to OPV 2280



OPV 2470 to OPV 3040



OPV 3230 to OPV 4940

