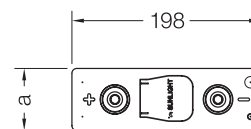
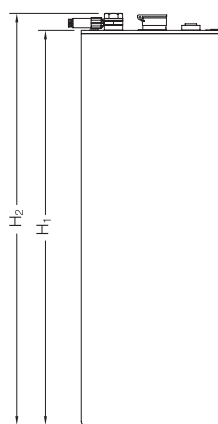


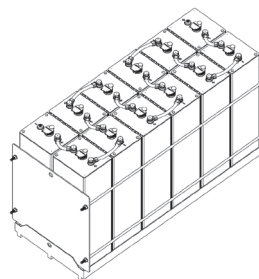
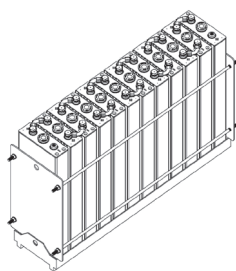
RES SOPzS | Product Range

2V Cell Type	Capacity (Ah at 20°C)				Dimensions				Weight		Internal Resistance (mOhm)	Short Circuit Current (A)
	C120 Uf=1.85V	C48 Uf=1.80V	C24 Uf=1.80V	C12 Uf=1.75V	Length (mm)	Width (mm)	Height ₁ (mm)	Height ₂ (mm)	Dry (kg)	Wet (kg)		
RES 2 SOPzS 215	215	199	177	156	198	65	408	432	7.4	11.5	1.75	1160
RES 3 SOPzS 310	310	288	257	227	198	83	408	432	10.0	15.4	1.19	1700
RES 3 SOPzS 390	392	365	326	289	198	83	478	502	12.1	18.4	1.02	1980
RES 4 SOPzS 500	503	470	420	375	198	101	478	502	15.4	23.3	0.78	2590
RES 5 SOPzS 605	605	567	508	455	198	119	478	502	18.7	28.0	0.64	3170
RES 4 SOPzS 720	721	688	620	558	198	101	613	637	21.0	30.5	0.63	3190
RES 5 SOPzS 860	860	823	744	673	198	119	613	637	25.6	36.9	0.52	3890
RES 6 SOPzS 965	969	933	846	771	198	137	613	637	30.2	43.4	0.44	4560
RES 7 SOPzS 1270	1271	1206	1084	976	198	174	613	637	35.0	51.6	0.39	5190
RES 8 SOPzS 1382	1382	1318	1188	1075	198	192	613	637	39.6	58.1	0.35	5790

*All dimensions and weights shown are subject to manufacturing tolerances



Non portable metallic trays



- Manufactured at SUNLIGHT's European production facilities, certified with **ISO 9001**, **ISO 14001**, **BS OHSAS 18001**
- Compliant with **IEC 61427** requirements for photovoltaic energy systems and **IEC 60896-11** requirements for vented lead-acid batteries
- Compliant with the safety requirements of **IEC 62485-2**

Applications

Residential Installations

Off-grid or smart grid connected power systems electrifying houses, hotels, hospitals, schools or factories

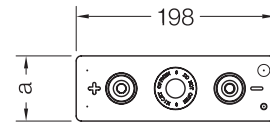
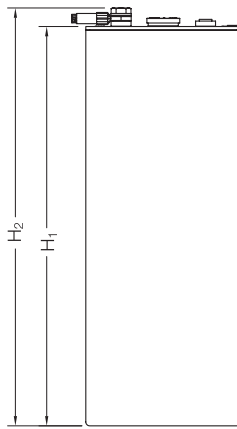
Infrastructure PV systems

Remote telecom stations, water pumping, oil & gas distribution, traffic signaling, road lighting, telemetry, security systems

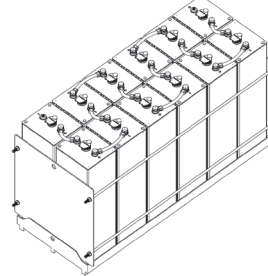
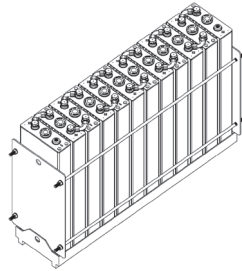
RES SOPzV | Product Range

2V Cell Type	Capacity (Ah at 20°C)				Dimensions				Weight kg	Internal Resistance (mOhm)	Short Circuit Current (A)
	C120 Uf=1.85V	C48 Uf=1.80V	C24 Uf=1.80V	C12 Uf=1.75V	Length (mm)	Width (mm)	Height ₁ (mm)	Height ₂ (mm)			
RES 2 SOPzV 150	150	145	135	126	198	47	343	367	9.0	1.58	1280
RES 3 SOPzV 225	225	218	203	189	198	65	343	367	12.7	1.08	1900
RES 2 SOPzV 280	284	279	260	244	198	47	568	592	15.4	1.08	1900
RES 3 SOPzV 425	426	419	390	366	198	65	568	592	22.0	0.72	2840
RES 4 SOPzV 565	568	558	520	488	198	83	568	592	28.7	0.54	3780
RES 5 SOPzV 710	710	698	650	611	198	101	568	592	35.3	0.43	4740
RES 6 SOPzV 850	852	837	780	733	198	119	568	592	42.1	0.36	5680
RES 7 SOPzV 990	994	977	911	855	198	137	568	592	48.8	0.31	6620
RES 8 SOPzV 1135	1136	1117	1041	977	198	155	568	592	55.5	0.27	7580
RES 7 SOPzV 1190	1190	1171	1087	1024	198	137	713	737	60.0	0.31	6560
RES 8 SOPzV 1360	1360	1338	1242	1170	198	155	713	737	68.1	0.27	7500

*All dimensions and weights shown are subject to manufacturing tolerances



Non portable metallic trays



- Manufactured at SUNLIGHT's European production facilities, certified with **ISO 9001**, **ISO 14001**, **BS OHSAS 18001**
- Compliant with **IEC 61427** requirements for photovoltaic energy systems
- Tested according to **IEC 60896-21** and fully compliant with **IEC 60896-22** requirements
- Compliant with the safety requirements of **IEC 62485-2**

Applications

Residential Installations

Off-grid or smart grid connected power systems electrifying houses, hotels, hospitals, schools or factories.

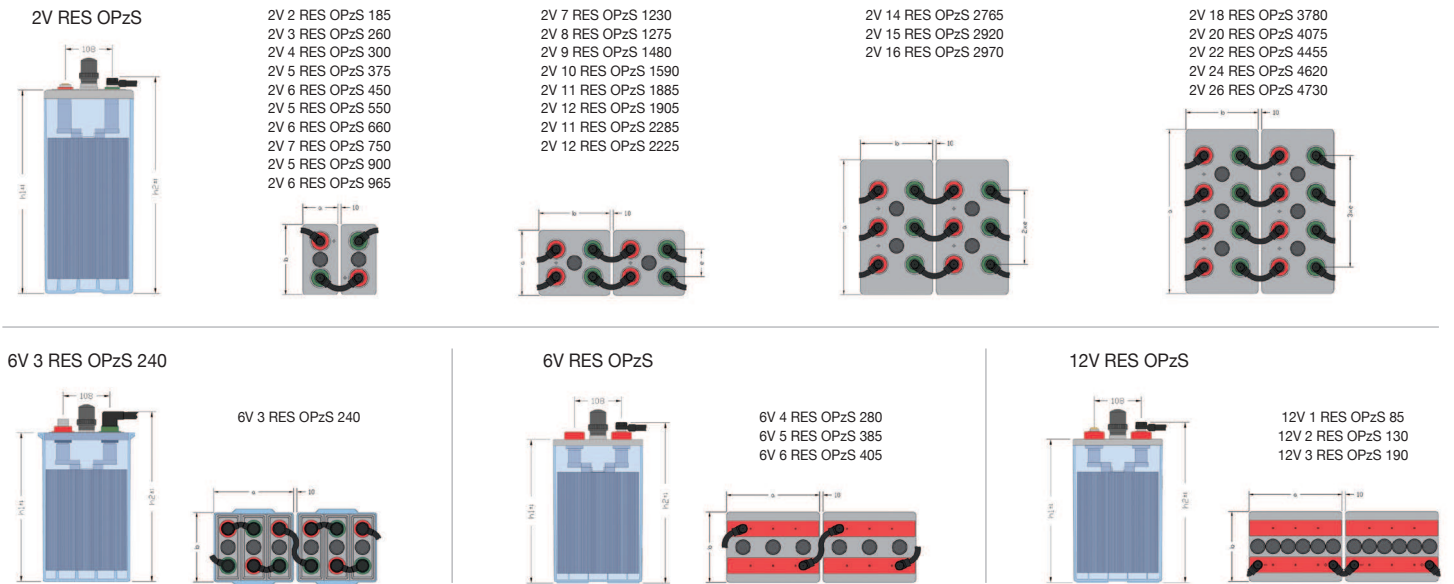
Infrastructure PV systems

Remote telecom stations, water pumping, oil & gas distribution, traffic signaling, road lighting, telemetry, security systems.

RES OPzS | Product Range

Type	Positive Plates		Number of Poles	Rated Capacity (Ah at 20°C)					Dimensions (mm)				Poles Distance (mm)	Wet Weight (kg)	Dry Weight (kg)	Internal Resistance (mOhm)	Short Circuit Current (A)	
	Number	Size (Ah)		C240 1.85 Vpc	C120 1.85 Vpc	C48 1.80 Vpc	C24 1.80 Vpc	C12 1.80 Vpc	Length	Width	Height 1	Height 2						
Cells	2V 2 RES OPzS 185	2	50	2	196	187	172	153	131	103	206	355	383	-	15.5	8.2	1.430	1420
	2V 3 RES OPzS 260	3		2	273	262	244	217	188	103	206	355	383	-	17.0	10.6	0.950	2120
	2V 4 RES OPzS 300	4		2	310	300	285	256	224	103	206	355	383	-	17.5	12.8	0.740	2720
	2V 5 RES OPzS 375	5		2	391	379	359	323	281	124	206	355	383	-	21.2	15.3	0.590	3420
	2V 6 RES OPzS 450	6		2	469	454	431	387	338	145	206	355	383	-	24.9	18.0	0.510	3940
	2V 5 RES OPzS 550	5	70	2	574	553	527	474	413	124	206	471	499	-	28.6	20.6	0.540	3750
	2V 6 RES OPzS 660	6		2	688	662	630	567	494	145	206	471	499	-	33.5	24.2	0.460	4400
	2V 7 RES OPzS 750	7		2	779	750	717	646	564	166	206	471	499	-	38.5	27.6	0.410	4950
	2V 5 RES OPzS 900	5		2	947	904	845	748	639	145	206	646	674	-	42.3	29.3	0.510	3950
	2V 6 RES OPzS 965	6		2	1006	966	916	816	703	145	206	646	674	-	46.5	33.7	0.430	4700
	2V 7 RES OPzS 1230	7	100	4	1286	1230	1154	1024	877	191	210	646	674	80	59.4	42.3	0.360	5600
	2V 8 RES OPzS 1275	8		4	1330	1278	1213	1083	934	191	210	646	674	80	63.5	46.7	0.310	6500
	2V 9 RES OPzS 1480	9		4	1547	1484	1403	1250	1076	233	210	646	674	110	73.5	52.3	0.280	7250
	2V 10 RES OPzS 1590	10		4	1656	1592	1511	1349	1165	233	210	646	674	110	77.7	56.7	0.250	8100
	2V 11 RES OPzS 1885	11		4	1974	1888	1776	1576	1350	275	210	646	674	140	87.7	62.4	0.240	8450
	2V 11 RES OPzS 1905	12	125	4	1986	1908	1810	1614	1391	275	210	646	674	140	91.9	66.8	0.220	9250
	2V 11 RES OPzS 2285	11		4	2369	2286	2173	1957	1698	275	210	797	825	140	108.9	77.0	0.230	8800
	2V 12 RES OPzS 2225	12		4	2296	2226	2142	1944	1701	275	210	797	825	140	114.0	82.4	0.220	9200
	2V 14 RES OPzS 2765	14		6	2868	2769	2639	2381	2069	399	214	772	800	2x110	145.8	100.3	0.190	10650
	2V 15 RES OPzS 2920	15		6	3018	2921	2797	2531	2208	399	214	772	800	2x110	150.9	105.9	0.170	11900
	2V 16 RES OPzS 2970	16	125	6	3064	2973	2861	2600	2279	399	214	772	800	2x110	156.1	111.4	0.156	12950
	2V 18 RES OPzS 3780	18		8	3916	3780	3589	3236	2811	487	212	772	800	3x110	183.7	128.6	0.137	14750
	2V 20 RES OPzS 4075	20		8	4217	4076	3885	3510	3057	487	212	772	800	3x110	194.0	139.5	0.122	16550
	2V 22 RES OPzS 4455	22		8	4615	4457	4247	3833	3335	576	212	772	800	3x140	219.6	153.7	0.114	17700
	2V 24 RES OPzS 4620	24		8	4770	4620	4430	4014	3508	576	212	772	800	3x140	229.8	164.9	0.105	19250
	2V 26 RES OPzS 4730	26	8	4869	4733	4564	4156	3656	576	212	772	800	3x140	240.1	175.8	0.098	20600	
Blocks	6V 3 RES OPzS 240	3	50	2	251	242	231	209	184	233	224	345	394	-	41.1	30.5	3.18	1900
	6V 4 RES OPzS 280	4		2	293	284	275	251	223	272	205	332	375	-	46.4	34.1	2.52	2420
	6V 5 RES OPzS 385	5		2	403	389	373	338	298	380	205	332	375	-	59.8	42.0	2.13	2860
	6V 6 RES OPzS 405	6		2	422	408	398	364	323	380	205	332	375	-	66.8	49.3	1.86	3260
	12V 1 RES OPzS 85	1	50	2	90	86	81	73	65	272	205	332	375	-	41.0	27.8	17.20	700
	12V 2 RES OPzS 130	2		2	137	132	128	118	106	272	205	332	375	-	48.4	37.0	8.61	1400
	12V 3 RES OPzS 190	3		2	199	191	186	172	155	380	205	332	375	-	68.7	52.2	6.09	2000

Height 2 includes installed connectors and bolts.
All dimensions and weights shown are subject to manufacturing tolerances.



Applications

Telecom Networks

Residential Installations

Traffic Signalling

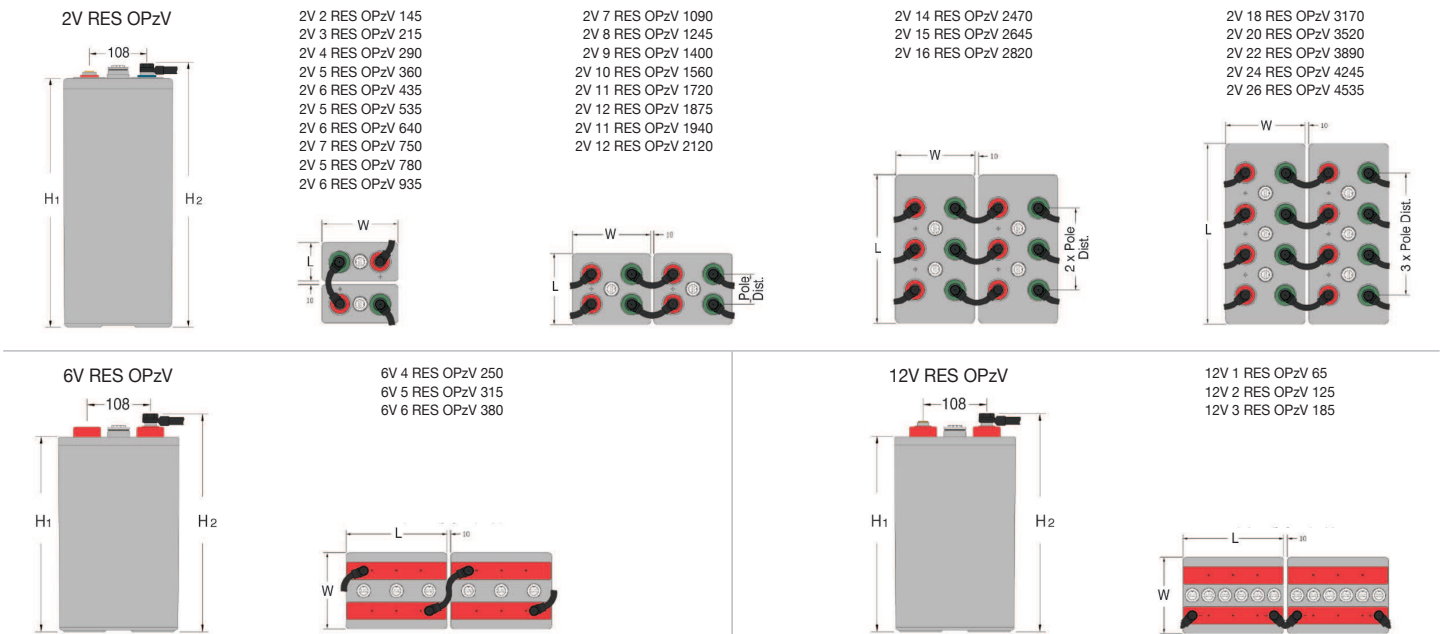
Smart-Grids

RES OPzV | Product Range

	Type	Positive Plates		Number of Poles	Rated Capacity (Ah at 20°C)					Dimensions (mm)				Poles Distance (mm)	Weight (kg)	Internal Resistance (mOhm)	Short Circuit Current (A)
		Number	Size (Ah)		C240 1.85 Vpc	C120 1.85 Vpc	C48 1.80 Vpc	C24 1.80 Vpc	C12 1.80 Vpc	Length	Width	Height 1	Height 2				
Cells	2V 2 RES OPzV 145	2	50	2	150	145	141	129	116	103	206	354	382	-	13.6	1.650	1240
	2V 3 RES OPzV 215	3		2	225	218	211	194	174	103	206	354	382	-	15.7	1.110	1840
	2V 4 RES OPzV 290	4		2	301	290	281	258	232	103	206	354	382	-	18.3	0.830	2460
	2V 5 RES OPzV 360	5		2	376	363	352	323	290	124	206	354	382	-	21.8	0.670	3040
	2V 6 RES OPzV 435	6		2	452	435	423	388	347	145	206	354	382	-	26.4	0.565	3620
	2V 5 RES OPzV 535	5	70	2	561	536	517	472	420	124	206	471	499	-	30.0	0.570	3580
	2V 6 RES OPzV 640	6		2	675	644	622	567	504	145	206	471	499	-	35.3	0.485	4200
	2V 7 RES OPzV 750	7		2	789	753	727	662	588	166	206	471	499	-	40.8	0.430	4740
	2V 5 RES OPzV 780	5		2	822	781	744	674	597	145	206	643	671	-	43.8	0.530	3850
	2V 6 RES OPzV 935	6		2	986	937	892	809	716	145	206	643	671	-	48.2	0.445	4600
	2V 7 RES OPzV 1090	7	100	4	1147	1091	1039	942	835	191	210	644	672	80	61.2	0.365	5600
	2V 8 RES OPzV 1245	8		4	1311	1247	1187	1077	954	191	210	644	672	80	65.5	0.325	6300
	2V 9 RES OPzV 1400	9		4	1477	1404	1337	1212	1074	233	210	646	674	110	75.9	0.295	6900
	2V 10 RES OPzV 1560	10		4	1641	1560	1485	1347	1193	233	210	646	674	110	80.4	0.265	7700
	2V 11 RES OPzV 1720	11		4	1811	1720	1637	1483	1313	275	210	645	673	140	90.8	0.245	8350
	2V 12 RES OPzV 1875	12	125	4	1976	1877	1786	1618	1432	275	210	645	673	140	95.1	0.225	9050
	2V 11 RES OPzV 1940	11		4	2029	1943	1879	1722	1538	275	210	796	824	140	105.0	0.230	8850
	2V 12 RES OPzV 2120	12		4	2214	2120	2050	1878	1678	275	210	796	824	140	110.1	0.210	9700
	2V 14 RES OPzV 2470	14		6	2580	2471	2390	2190	1957	399	214	771	799	2x110	146.0	0.180	11350
	2V 15 RES OPzV 2645	15		6	2764	2647	2561	2346	2097	399	214	771	799	2x110	151.0	0.167	12200
	2V 16 RES OPzV 2820	16	125	6	2949	2824	2731	2503	2237	399	214	771	799	2x110	156.1	0.157	13000
	2V 18 RES OPzV 3170	18		8	3310	3171	3071	2814	2516	487	212	769	797	3x110	185.2	0.137	14900
	2V 20 RES OPzV 3520	20		8	3678	3523	3412	3127	2796	487	212	769	797	3x110	195.3	0.123	16600
	2V 22 RES OPzV 3890	22		8	4068	3894	3764	3447	3077	576	212	771	799	3x140	221.2	0.115	17750
	2V 24 RES OPzV 4245	24		8	4438	4248	4106	3760	3357	576	212	771	799	3x140	231.4	0.108	18900
	2V 26 RES OPzV 4535	26	8	4747	4536	4405	4026	3586	576	212	771	799	3x140	241.5	0.103	19800	
Blocks	6V 4 RES OPzV 250	4	50	2	263	253	250	233	212	272	205	332	372	-	55.2	2.70	2270
	6V 5 RES OPzV 315	5		2	330	317	313	292	265	380	205	332	372	-	62.8	2.22	2760
	6V 6 RES OPzV 380	6		2	397	381	377	350	318	380	205	332	372	-	69.0	1.89	3240
	12V 1 RES OPzV 65	1	50	2	65	63	62	58	52	272	205	332	372	-	43.8	19.01	640
	12V 2 RES OPzV 125	2		2	130	125	124	115	105	272	205	332	372	-	50.5	9.50	1290
	12V 3 RES OPzV 185	3		2	196	188	186	173	158	380	205	332	372	-	73.3	6.80	1800

Height 2 includes installed connectors and bolts.

All dimensions and weights shown are subject to manufacturing tolerances.



Applications

Smart-Grids

Residential

Telecom Networks

Traffic Signalling