

Total Solutions System

STATIONARY BATTERIES

WINNER[®]

BATTERY
SWITCH FOR SUCCESS

RENEWABLE ENERGY STORAGE SERIES

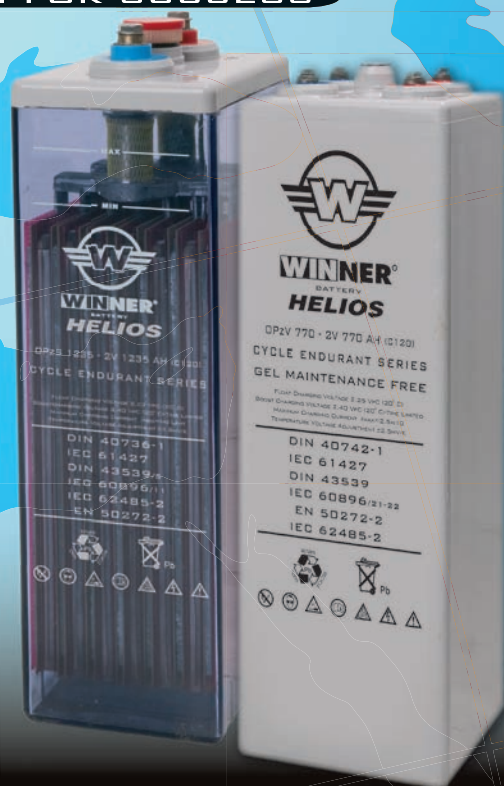
- Capacities up to 4630 AH
- 3000 cycles at 50% D.O.D
- F.L.A OPzS series / V.R.L.A OPzV Gel series
- Heavy Duty OPzS-OpzV cells & blocks
- High Cyclic performance Tubular Positive Plate series
- Excellent deep discharge recovery & Partial State Of Charge cycle stability
- High Temperature operation endurance
- Easy assembly & installation
- 100% recyclable



www.winnerbattery.net

HELIOS

C Y C L E E N D U R A N T S E R I E S



Type	Voltage	Capacity 1.80 Vpc	Capacity 1.85 Vpc	Isc IEC 60896-21	Ri IEC 60896-21	Dimensions (mm)				Layout	Terminal	Weight
	V	AH C24	AH C120	A	mΩ	L	W	H	T.H.			kg
OPzV 205	2	168	205	1570	0.77	103	206	353	385	5	F19	15,30
OPzV 270	2	224	270	2094	0.72	103	206	353	385	5	F19	18,40
OPzV 340	2	280	340	2618	0.67	124	206	353	385	5	F19	22,40
OPzV 410	2	336	410	3141	0.57	145	206	353	385	5	F19	26,00
OPzV 450	2	376	450	3192	0.55	124	206	470	502	5	F19	28,50
OPzV 540	2	451	540	2830	0.53	145	206	470	502	5	F19	34,00
OPzV 650	2	536	648	4469	0.48	166	206	470	502	5	F19	38,50
OPzV 770	2	647	770	4823	0.43	145	206	645	678	5	F19	47,00
OPzV 1025	2	862	1025	6430	0.38	191	210	645	678	6	F19	62,50
OPzV 1285	2	1078	1285	8037	0.33	233	210	645	678	6	F19	78,00
OPzV 1540	2	1294	1540	9644	0.29	275	210	645	678	6	F19	92,00
OPzV 1925	2	1617	1925	12400	0.23	340	210	645	678	6	F19	114,00
OPzV 2590	2	2235	2590	13252	0.21	399	212	772	804	7	F20	155,00
OPzV 3240	2	2794	3240	16565	0.16	487	212	772	804	8	F20	189,00
OPzV 3880	2	3353	3880	19878	0.11	576	212	772	804	8	F20	225,00
12V OPzV 65	12	59	62	524	12.45	272	205	335	365	1	F16.1	34,00
12V OPzV 130	12	119	130	1048	6.90	272	205	335	365	1	F16.1	53,00
12V OPzV 195	12	178	195	1572	5.94	380	205	335	365	1	F16.1	74,00

HELIOS OPzS

Type	Voltage	Capacity 1.80 Vpc	Capacity 1.85 Vpc	Isc IEC 60896-11	Ri IEC 60896-11	Dimensions (mm)				Layout	Terminal	Weight
	V	AH C24	AH C120	A	mΩ	L	W	H	T.H.			kg
OPzS 235	2	185	232	1808	1.10	206	103	354	409	5	F19	17,20
OPzS 310	2	246	308	2328	0.86	206	124	354	409	5	F19	20,80
OPzS 390	2	307	386	3809	0.70	206	145	354	409	5	F19	24,30
OPzS 465	2	368	463	3369	0.59	206	124	470	525	5	F19	26,90
OPzS 540	2	430	540	3074	0.65	206	145	470	525	5	F19	31,50
OPzS 650	2	516	646	3568	0.56	206	166	470	525	5	F19	36,10
OPzS 760	2	602	756	4086	0.49	210	145	645	700	5	F19	44,80
OPzS 930	2	737	926	4377	0.46	210	191	645	700	5	F19	61,30
OPzS 1235	2	982	1234	5914	0.34	210	233	645	700	6	F19	74,60
OPzS 1545	2	1228	1543	7566	0.27	210	275	645	700	6	F19	88,00
OPzS 1860	2	1472	1857	8638	0.24	210	275	795	850	6	F19	114,30
OPzS 2315	2	1847	2314	8433	0.23	212	399	771	826	6	F19	140,20
OPzS 3090	2	2456	3086	11801	0.17	214	399	771	826	7	F20	166,00
OPzS 3860	2	3075	3857	14707	0.13	212	487	771	826	8	F20	204,00
OPzS 4630	2	3684	4628	17042	0.12	212	576	771	826	8	F20	242,00
6V OPzS 300	6	240	298	2649	2.24	272	205	335	390	2	F19	48,00
6V OPzS 380	6	300	373	3112	1.94	380	205	335	390	2	F19	62,00
6V OPzS 450	6	360	448	3769	1.63	380	205	335	390	2	F19	70,00
12V OPzS 75	12	60	75	601	20.40	272	205	335	390	1	F19	40,00
12V OPzS 150	12	120	149	1264	9.49	272	205	335	390	1	F19	51,00
12V OPzS 225	12	180	224	1704	7.04	380	205	335	390	1	F19	70,00

More types available on request

APPLICATIONS

Renewable Energy Off-Grid Systems
 Grid Storage Systems
 Medium/Large Scale PV/Wind plant Energy Storage for Grid stabilization
 Telecom/Signaling/Security/Lighting Power Supply
 Remote Power Networks, isolated cottages

STANDARDS

- OPzS&OPzV: IEC 61427, IEC 62485-2, DIN 43539/5, DIN 40740, EN 50272-2 compliance
- OPzS: DIN 40736-1 (cells), DIN 40737-3 (blocks), IEC 60896-11 compliance
- OPzV: DIN 40742(cells) – 40744(blocks), IEC 60896-21/22compliance
- OPzV: EUROBAT classification “Long Life” 12+ years