Classic™

Industrial Batteries – Standby Power
Classic OCSM
Energy delivery with high efficiency.

Specifications

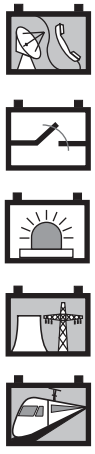
EXIDE TECHNOLOGIES

Classic™

Save energy storage for stationary battery systems.

Specifications

- Classic OCSM batteries are a powerful and reliable energy supply with high current discharge capability due to a unique negative electrode construction and excellent energy storage capacity over the exeptional long life
- Low maintenance due to reduced antimony in the alloy and high electrolyte volume
- Nominal capacity 160 – 3480 Ah C_{10}
- 15 years design life at 20°C ambient temperature (80% remaining capacity from C_{10})
- High cyclic application capacity
- Manufactured in conformance to DIN 40 736. The containers are fabricated from transparent plastic and the cell lids from grey-coloured SAN copolymer
- Tubular plate technology
- Flame arresting ceramic plugs according to DIN 40 740 are available if required
- Low gassing due to antimony alloy < 3% (EN 50272-2)
- When charged the correct level of acid density is 1.26 kg/l at 20°C. According to DIN 43 530 T2 sulphuric acid with a density of 1.24 kg/l at 20°C is to be used for initial filling
- Completely recyclable



Applications

Classic OCSM batteries are predominantly used in power plants, telecommunications and UPS systems when the vented technology is essential in short-term as well as long-term discharge. They are an absolutely reliable energy source. For other power supplies, safety systems, safety energy storage solutions, solar and wind energy they make an excellent choice.

Tubular plate

Nominal capacity
160–3480 Ah

Single cell

Design life:
15 years

Low
maintenance

Recyclable

OCSM cell

Type	Part number	Nominal voltage V	Nominal capacity C_{10} 1.8 V/C 20°C Ah	Length (l) max. mm	Width (b/w) max. mm	Height* (h) max. mm	Installed length (B/L) mm	Weight cell including acid approx. kg	Weight acid** approx. kg	Internal resistance m Ω	Short circuit current A	Terminal	Pole pairs
2 OCSM 160 LA	NVOC020160WC0FA	2	160	126	208	522	136	17.9	8.3	1.340	1567	F-M8	1
3 OCSM 240 LA	NVOC020240WC0FA	2	240	126	208	522	136	20.9	8.1	0.893	2351	F-M8	1
4 OCSM 320 LA	NVOC020320WC0FA	2	320	126	208	522	136	23.9	7.9	0.670	3134	F-M8	1
5 OCSM 400 LA	NVOC020400WC0FA	2	400	126	208	522	136	26.9	7.5	0.536	3918	F-M8	1
6 OCSM 480 LA	NVOC020480WC0FA	2	480	147	208	522	157	31.5	8.1	0.447	4701	F-M8	1
7 OCSM 560 LA	NVOC020560WC0FA	2	560	168	208	522	178	36.1	8.7	0.383	5485	F-M8	1
5 OCSM 575 LA	NVOC020575WC0FA	2	575	147	208	698	157	41.6	11.5	0.437	4808	F-M8	1
6 OCSM 690 LA	NVOC020690WC0FA	2	690	147	208	698	157	44.8	10.9	0.364	5769	F-M8	1
7 OCSM 805 LA	NVOC020805WC0FA	2	805	215	193	698	225	58.1	16.6	0.312	6731	F-M8	2
8 OCSM 920 LA	NVOC020920WC0FA	2	920	215	193	698	225	61.3	16.0	0.273	7692	F-M8	2
9 OCSM 1035 LA	NVOC021035WC0FA	2	1035	215	235	698	225	71.4	19.7	0.243	8654	F-M8	2
10 OCSM 1150 LA	NVOC021150WC0FA	2	1150	215	235	698	225	74.6	19.1	0.218	9615	F-M8	2
11 OCSM 1265 LA	NVOC021265WC0FA	2	1265	215	277	698	225	84.8	22.8	0.199	10577	F-M8	2
12 OCSM 1380 LA	NVOC021380WC0FA	2	1380	215	277	698	225	88.0	22.2	0.182	11538	F-M8	2
11 OCSM 1595 LA	NVOC021595WC0FA	2	1595	215	277	848	225	108.7	28.7	0.194	10820	F-M8	2
12 OCSM 1740 LA	NVOC021740WC0FA	2	1740	215	277	848	225	114.3	27.3	0.178	11803	F-M8	2
14 OCSM 2030 LA	NVOC022030WC0FA	2	2030	215	400	824	225	140.5	40.8	0.153	13770	F-M8	3
16 OCSM 2320 LA	NVOC022320WC0FA	2	2320	215	400	824	225	151.5	37.9	0.133	15738	F-M8	3
18 OCSM 2610 LA	NVOC022610WC0FA	2	2610	215	490	824	225	182.0	51.2	0.119	17705	F-M8	4
20 OCSM 2900 LA	NVOC022900WC0FA	2	2900	215	490	824	225	193.0	48.3	0.107	19672	F-M8	4
22 OCSM 3190 LA	NVOC023190WC0FA	2	3190	215	580	824	225	223.5	61.6	0.097	21639	F-M8	4
24 OCSM 3480 LA	NVOC023480WC0FA	2	3480	215	580	824	225	234.5	58.7	0.089	23607	F-M8	4

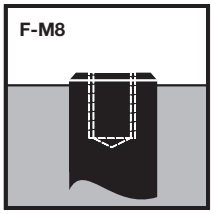
**The above mentioned height can differ depending on the used vent(s).*

***Acid density d_N = 1.26 kg/l*

Data are also valid for dry charged version.
Change „W“ (Wet) to „D“ (Dry)
in the part number
E.g.:
*filled and charged NVOC020160 **W** C0FA*
*dry charged NVOC020160 **D** C0FA*

Container, terminal and torque

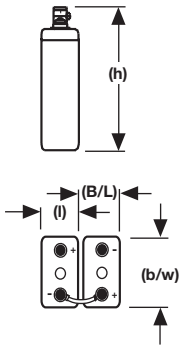
Container: SAN (StyrolacrylInitril)



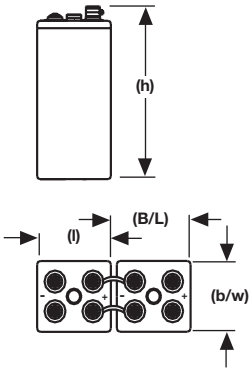
25 Nm

Drawings with terminal position

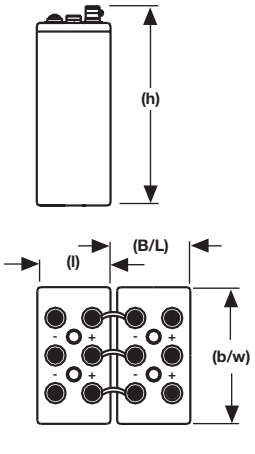
2 OCSM 160 LA
up to
6 OCSM 690 LA



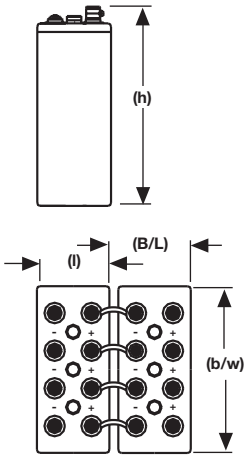
7 OCSM 805 LA
up to
12 OCSM 1740 LA



14 OCSM 2030 LA
16 OCSM 2320 LA



18 OCSM 2610 LA
up to
24 OCSM 3480 LA



Not to scale!

Exide Technologies Industrial Energy – The Industry Leader.

ABSOLYTE™ MARATHON™ Sprinter® Classic™ Powerfit™ Sonnenschein®

Exide Technologies Industrial Energy is a global leader in stored electrical energy solutions for all major critical reserve power applications and needs. Standby power applications include communication/data networks, UPS systems for computers and control systems, electrical power generation and distribution systems, as well as a wide range of other industrial standby power applications. With a strong manufacturing base in both North America and Europe and a truly global reach (operations in more than 80 countries) in sales and service, Exide Technologies Industrial Energy is best positioned to satisfy your back up power needs locally as well as all over the world.

Based on over 100 years of technological innovation the Industrial Energy Division leads the industry with the most recognized global standby power brands such as Absolyte, Sonnenschein, Marathon, Sprinter, and Flooded Classic. They have come to symbolize quality, reliability, performance and excellence in all the markets served.

Exide Technologies takes pride in its commitment to a better environment. Its Total Battery Management program, an integrated approach to manufacturing, distributing and recycling of lead acid batteries, has been developed to ensure a safe and responsible life cycle for all of its products.

EXIDE Technologies
Industrial Energy
Im Thiergarten
63654 Büdingen
Germany
Tel.: +49 (0) 60 42 / 81 70
Fax: +49 (0) 60 42 / 81 233

EXIDE Technologies
Industrial Energy
3950 Sussex Avenue
Aurora, IL, U.S.A.

Tel.: +1 630.862.2200
Fax: +1 630.862.2312

www.networkpower.exide.com

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