Classic™

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

Specifications

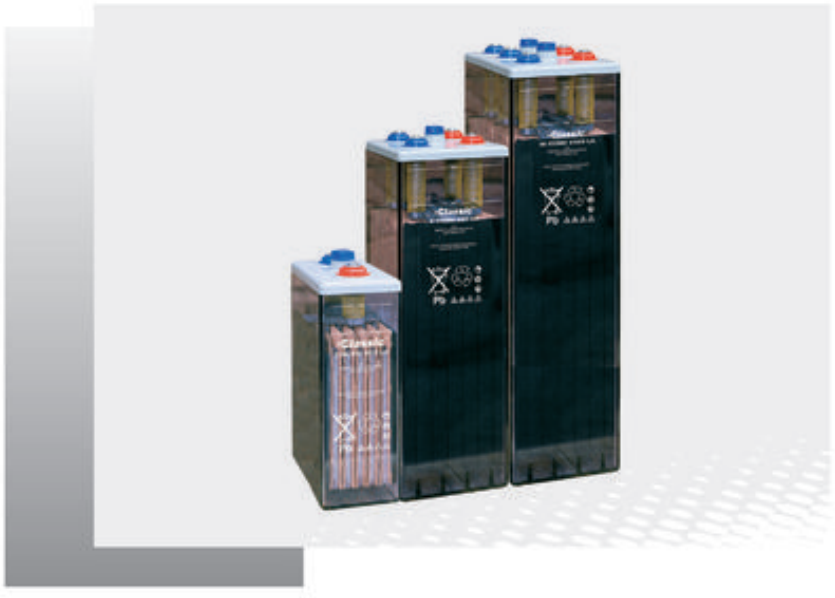
GNB Industrial Power
A Division of Exide Technologies

Classic™

Save energy storage for stationary battery systems.

Specifications

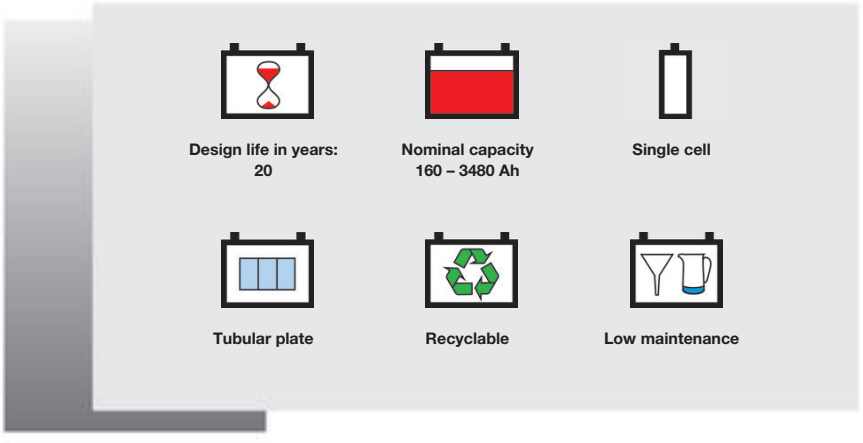
- Classic OCSM batteries are a powerful and reliable energy supply with high current discharge capability due to a unique negative electrode construction and excellent energy storage capacity over the exeptional long life
- Low maintenance due to reduced antimony in the alloy and high electrolyte volume
- Nominal capacity 160 – 3480 Ah C_{10}
- 20 years design life and service 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.
- Completely recyclable



More power for Network Power.

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.



Classic™

Technical characteristics and data

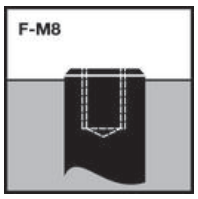
Type	Part number	Nom. voltage V	Nominal capacity C_{10} 1.80 Vpc 20 °C Ah	Length (l) max. mm	Width (b/w) max. mm	Height* (h) max. mm	Installed length (L) mm	Weight cell incl. acid approx. kg	Weight acid** approx. kg	Internal resist-ance mOhm	Short circuit current A	Terminal	Pole pairs
2 OCSM 160 LA	NVOC020160WC0FA	2	160	126	208	522	136	19.8	8.40	1.34	1567	F-M8	1
3 OCSM 240 LA	NVOC020240WC0FA	2	240	126	208	522	136	22.6	8.20	0.89	2351	F-M8	1
4 OCSM 320 LA	NVOC020320WC0FA	2	320	126	208	522	136	25.1	7.90	0.67	3134	F-M8	1
5 OCSM 400 LA	NVOC020400WC0FA	2	400	126	208	522	136	28.3	8.20	0.53	3918	F-M8	1
6 OCSM 480 LA	NVOC020480WC0FA	2	480	147	208	522	157	33.1	9.70	0.44	4701	F-M8	1
7 OCSM 560 LA	NVOC020560WC0FA	2	560	168	208	522	178	37.9	11.1	0.38	5485	F-M8	1
5 OCSM 575 LA	NVOC020575WC0FA	2	575	147	208	698	157	41.6	11.5	0.43	4808	F-M8	1
6 OCSM 690 LA	NVOC020690WC0FA	2	690	147	208	698	157	44.8	11.0	0.36	5769	F-M8	1
7 OCSM 805 LA	NVOC020805WC0FA	2	805	215	193	698	225	58.1	17.4	0.31	6731	F-M8	2
8 OCSM 920 LA	NVOC020920WC0FA	2	920	215	193	698	225	61.9	17.7	0.27	7692	F-M8	2
9 OCSM 1035 LA	NVOC021035WC0FA	2	1035	215	235	698	225	71.4	20.0	0.24	8654	F-M8	2
10 OCSM 1150 LA	NVOC021150WC0FA	2	1150	215	235	698	225	74.6	19.1	0.21	9615	F-M8	2
11 OCSM 1265 LA	NVOC021265WC0FA	2	1265	215	277	698	225	84.8	22.5	0.19	10577	F-M8	2
12 OCSM 1380 LA	NVOC021380WC0FA	2	1380	215	277	698	225	88.9	26.4	0.18	11538	F-M8	2
11 OCSM 1595 LA	NVOC021595WC0FA	2	1595	215	277	848	225	109	28.4	0.19	10820	F-M8	2
12 OCSM 1740 LA	NVOC021740WC0FA	2	1740	215	277	848	225	114	27.7	0.17	11803	F-M8	2
14 OCSM 2030 LA	NVOC022030WC0FA	2	2030	215	400	824	225	141	40.3	0.15	13770	F-M8	3
16 OCSM 2320 LA	NVOC022320WC0FA	2	2320	215	400	824	225	152	37.5	0.13	15738	F-M8	3
18 OCSM 2610 LA	NVOC022610WC0FA	2	2610	215	490	824	225	182	52.0	0.11	17705	F-M8	4
20 OCSM 2900 LA	NVOC022900WC0FA	2	2900	215	490	824	225	193	48.3	0.10	19672	F-M8	4
22 OCSM 3190 LA	NVOC023190WC0FA	2	3190	215	580	824	225	224	61.6	0.09	21639	F-M8	4
24 OCSM 3480 LA	NVOC023480WC0FA	2	3480	215	580	824	225	235	60.6	0.08	23607	F-M8	4

*The above mentioned height can differ depending on the used vent(s).
**Acid density d_N = 1.26 kg/l

Figures 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

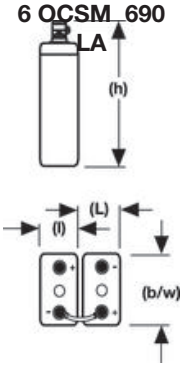


20 Nm

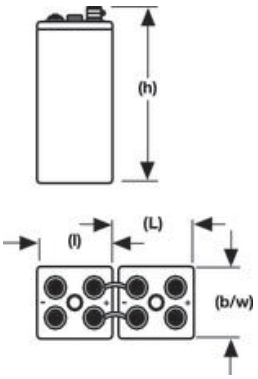
Container: SAN (StyrolacryInitril)

Drawings with terminal position

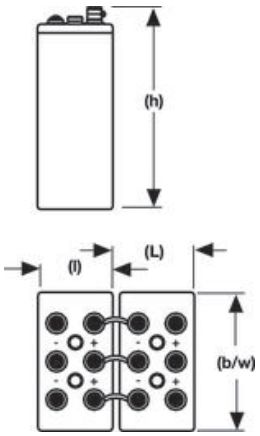
2 OCSM 160 LA – 6 OCSM 690 LA



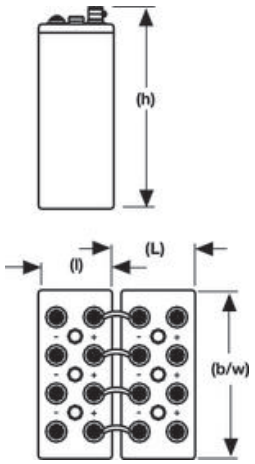
7 OCSM 805 LA – 12 OCSM 1740 LA



14 OCSM 2030 LA – 16 OCSM 2320 LA



18 OCSM 2610 LA – 24 OCSM 3480 LA



Not to scale!

Notes

Notes

GNB® INDUSTRIAL POWER

ABSOLYTE™ MARATHON™ Sprinter® Powerfit™ Sonnenschein®
Classic™ LIBERATOR Element drysafe

Exide Technologies, with operations in more than 80 countries, is one of the world's largest producers and recyclers of lead-acid batteries. Exide provides a comprehensive and customized range of stored electrical energy solutions.

Based on over 100 years of experience in the development of innovative technologies, Exide is an esteemed partner of OEMs and serves the spare parts market for industrial and transportation applications. The GNB Industrial Power business unit offers an extensive range of storage products and services, including solutions for telecommunications systems, railway applications, mining, photovoltaic (solar energy), uninterruptible power supply (UPS), electrical power generation and distribution, fork lifts and electric vehicles.

Exide Technologies takes pride in its commitment to a better environment. Its Total Battery Management programme, (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.

NXCOCTEPDF00411 Subject to alterations.