

Industrial Batteries / Network Power

Powerfit S200



»The **reliable** and
powerful energy storage«

Powerfit S200

Compact energy for more security

Specifications

- > VRLA batteries (Valve Regulated Lead-Acid) in which the electrolyte is fixed in a glassmat (AGM)
- > Excellent energy storage combined with reliability
- > Maintenance-free (no topping up) during the whole service life
- > Nominal capacity 1.17–38.8 Ah
- > 5 years design life at 20°C ambient temperature (80% remaining capacity of C_{10})
- > Container material acc. to UL 94-HB
- > Grid plate construction consisting of a lead calcium alloy
- > Low gas emission due to internal gas recombination (99% efficient)
- > Low self-discharge rate (about 3% / month at 20°C)

Technical characteristics and data

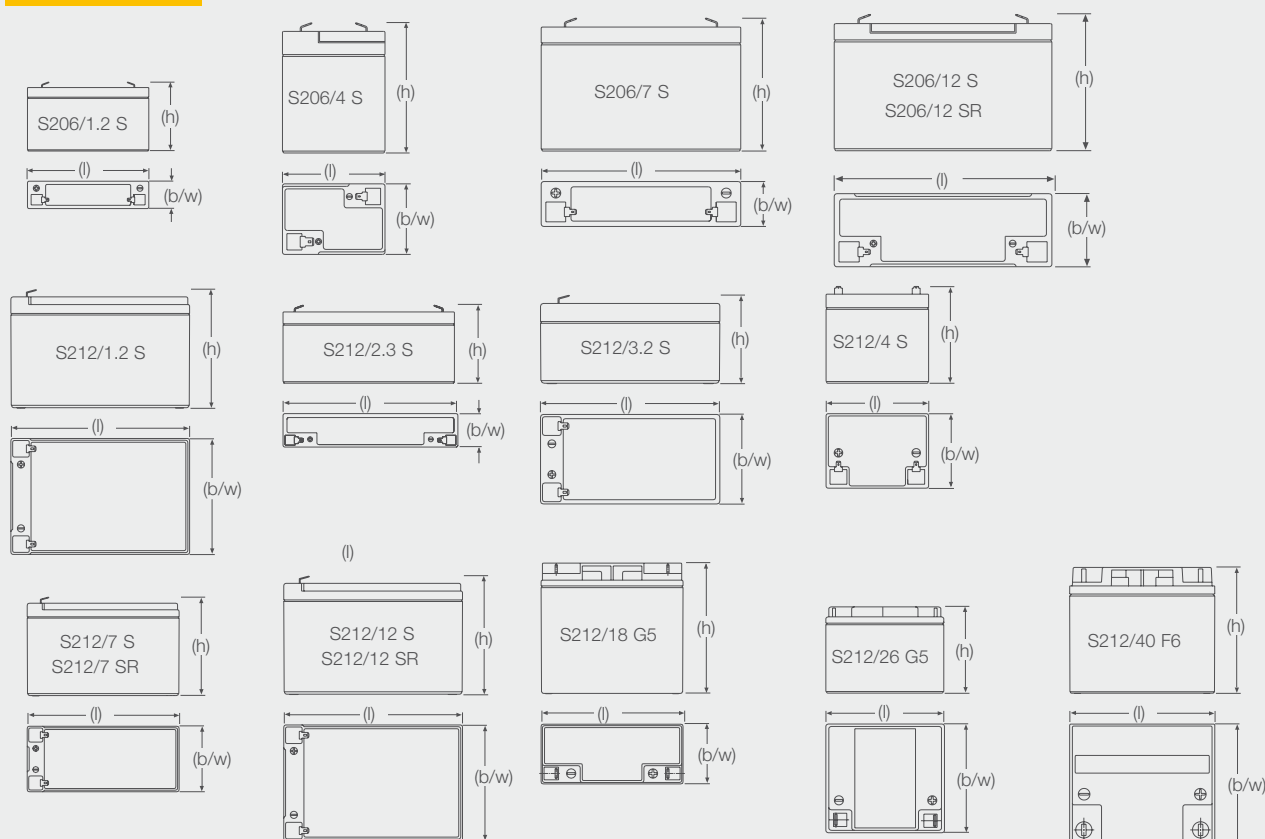
Type	Part number	Nominal voltage V	Nominal capacity C_{20} 1.75 Vpc 20 °C Ah	Capacity C_{10} 1.75 Vpc 20 °C Ah	Capacity C_1 1.60 Vpc 20 °C Ah	Length* (l) mm	Width* (b/w) mm	Height * (h) mm	Weight approx. kg	Internal resistance acc. to IEC 60896-21 mOhm	Max. discharge current f. 5 sec A	Terminal
S206/1.2 S	NAS20601D2HW0SA	6	1.17	1.11	0.716	97.0	24.0	57.5	0.28	65	18.0	S-4.8
S206/4 S	NAS2060004HW0SA	6	4.40	4.17	2.69	70.0	47.0	106	0.69	25	67.5	S-4.8
S206/7 S	NAS2060007HW0SA	6	6.86	6.48	4.18	151	34.0	100	1.26	15	112	S-4.8
S206/12 S	NAS2060012HW0SA	6	11.7	11.1	7.16	151	51.0	100	1.95	15	180	S-4.8
S206/12 SR	NAS2060012HW0RA	6	11.7	11.1	7.16	151	51.0	100	1.95	15	180	SR-6.3
S212/1.2 S	NAS21201D2HW0SA	12	1.17	1.11	0.716	97.0	43.0	58.0	0.57	90	18.0	S-4.8
S212/2.3 S	NAS21202D3HW0SA	12	2.25	2.13	1.37	178	35.0	66.0	1.00	70	34.5	S-4.8
S212/3.2 S	NAS21203D2HW0SA	12	3.14	2.96	1.91	134	67.0	66.5	1.30	45	48.0	S-4.8
S212/4 S	NAS2120004HW0SA	12	3.91	3.70	2.38	90.0	70.0	107	1.60	40	60.0	S-4.8
S212/7 S	NAS2120007HW0SA	12	7.62	7.15	5.61	151	65.0	100	2.45	18	105	S-4.8
S212/7 SR	NAS2120007HW0RA	12	7.62	7.15	5.61	151	65.0	100	2.45	18	105	SR-6.3
S212/12 S	NAS2120012HW0SA	12	11.7	11.1	7.16	151	98.0	101	3.80	18	180	S-4.8
S212/12 SR	NAS2120012HW0RA	12	11.7	11.1	7.16	151	98.0	101	3.80	18	180	SR-6.3
S212/18 G5	NAS2120018HW0BA	12	17.6	16.6	10.7	182	77.0	168	5.70	16	270	G-M5
S212/26 G5	NAS2120026HW0BA	12	25.4	24.0	15.4	167	175	125	8.70	14	390	G-M5
S212/40 F6	NAS2120040HW0FA	12	38.8	37.2	22.0	197**	165**	170**	13.2	10	456	F-M6

* ±1 mm ** ±2 mm

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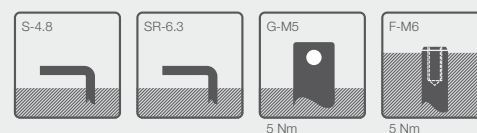
Dimensions



Not to scale.

Container, approval, terminal and torque

> container material: UL 94 HB = ABS



Applications

As well as their suitability for general applications in security systems, the Powerfit S200 batteries can be a reliable energy source for emergency lighting.



Powerfit™



Exide Technologies, with operations in more than 80 countries, is one of the world's largest producers and recyclers of lead-acid batteries. Exide Technologies 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 Technologies is an esteemed partner of OEMs and serves the spare parts market for industrial and transportation applications.

GNB Industrial Power – A division of Exide Technologies – 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.

GNB® INDUSTRIAL POWER

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