GroE

Vented lead-acid battery

Motive Power Systems
Reserve Power Systems
Special Power Systems
Service

Your benefits with HOPPECKE GroE

- **Excellent high-current capability** - low investment costs due to specially designed Planté plate
- **Highest expected service life** - due to pure lead electrodes and minimum electrolyte density
- **Maximum compatibility** - design according to DIN 40738
- **Higher short-circuit safety even during the installation** - based on HOPPECKE system connectors
- **Extremely extended water refill intervals up to maintenance-free** - optional use of AquaGen® recombination system minimizes emission of gas and aerosols[1]

Similar to the illustration, AquaGen® optional

Typical applications of HOPPECKE GroE

- **Power Plants**
- **Substations**
- **Uninterruptible power supply (UPS)**

HOPPECKE
POWER FROM INNOVATION

Type overview

Capacities, dimensions and weights

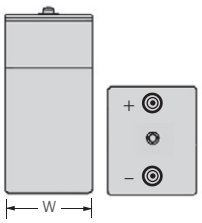
Type	C_{nom}/1.80 V Ah	C_{10}/1.80 V Ah	$C_{1/2}$/1.75 V Ah	$C_{1/4}$/1.70 V Ah	$C_{1/6}$/1.60 V Ah	max.* Weight kg	Weight electrolyte kg (1.22 kg/l)	max.* Length L mm	max.* Width W mm	max.* Height H mm	Fig.
3 GroE 75	75	78	39.5	30.5	26.0	17.3	6.7	184	155	410	A
4 GroE 100	100	104	53.0	40.5	34.5	19.4	6.5	184	155	410	A
5 GroE 125	125	130	66.0	50.8	43.5	21.5	6.3	184	155	410	A
6 GroE 150	150	156	79.5	61.0	52.0	23.6	6.1	184	155	410	A
7 GroE 175	175	182	92.5	71.0	60.5	25.8	5.9	184	155	410	A
8 GroE 200	200	208	106	81.3	69.5	32.1	9.7	184	230	410	A
9 GroE 225	225	234	119	91.3	78.0	34.2	9.5	184	230	410	A
10 GroE 250	250	260	133	102	86.5	36.3	9.3	184	230	410	A
11 GroE 275	275	286	146	112	95.5	38.6	9.1	184	230	410	A
12 GroE 300	300	312	159	122	104	40.4	8.9	184	230	410	A
13 GroE 325	325	338	172	132	113	50.1	14.3	184	340	410	B
14 GroE 350	350	364	186	142	121	52.1	14.1	184	340	410	B
15 GroE 375	375	390	199	152	130	54.2	13.9	184	340	410	B
16 GroE 400	400	416	212	163	139	56.3	13.7	184	340	410	B
17 GroE 425	425	442	225	173	147	58.7	13.5	184	340	410	B
18 GroE 450	450	468	239	183	156	60.8	13.3	184	340	410	B
5 GroE 500	500	550	228	168	138	93.6	37.0	330	270	590	A
6 GroE 600	600	660	273	201	165	101.0	36.1	330	270	590	A
7 GroE 700	700	770	319	235	192	110.8	35.2	330	270	590	B
8 GroE 800	800	880	364	268	220	118.3	34.3	330	270	590	B
9 GroE 900	900	990	410	302	248	125.7	33.4	330	270	590	B
10 GroE 1000	1000	1100	455	335	275	133.2	32.5	330	270	590	B
11 GroE 1100	1100	1210	501	369	302	142.4	31.6	330	270	590	B
12 GroE 1200	1200	1320	546	402	330	163.8	42.7	330	350	590	C
13 GroE 1300	1300	1430	592	436	358	171.2	41.8	330	350	590	C
14 GroE 1400	1400	1540	637	469	385	178.7	40.9	330	350	590	C
15 GroE 1500	1500	1650	683	503	412	188.6	40.0	330	350	590	C
16 GroE 1600	1600	1760	728	536	440	212.0	53.6	330	440	590	C
17 GroE 1700	1700	1870	774	570	468	219.4	52.7	330	440	590	C
18 GroE 1800	1800	1980	819	603	495	226.9	51.8	330	440	590	C
19 GroE 1900	1900	2090	865	637	522	234.4	50.9	330	440	590	C
20 GroE 2000	2000	2200	910	670	550	243.0	50.0	330	440	590	C
21 GroE 2100	2100	2310	956	704	578	270.7	65.2	330	530	590	D
22 GroE 2200	2200	2420	1001	737	605	278.2	64.3	330	530	590	D
23 GroE 2300	2300	2530	1047	771	632	285.6	63.4	330	530	590	D
24 GroE 2400	2400	2640	1092	804	660	295.5	62.5	330	530	590	D
25 GroE 2500	2500	2750	1138	838	688	309.9	68.1	330	575	590	D
26 GroE 2600	2600	2860	1183	871	715	320.0	67.2	330	575	590	D

C_{nom} = nominal capacity at 10 h discharge according to DIN 40738

C_{10}, $C_{1/2}$, $C_{1/4}$ and $C_{1/6}$ = Capacity at 10 h, 1/2 h, 1/4 h and 1/6 h discharge

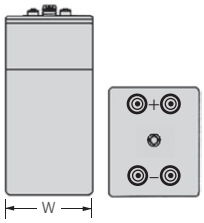
* according to DIN 40738 data to be understood as maximum values

Fig. A



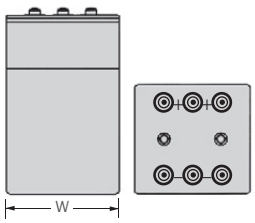
3 GroE 75 - 12 GroE 300
5 GroE 500 - 6 GroE 600

Fig. B



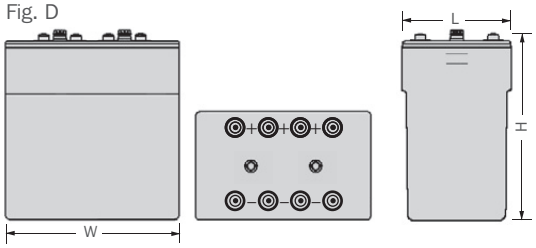
13 GroE 325 - 18 GroE 450
7 GroE 700 - 11 GroE 1100

Fig. C



12 GroE 1200 - 20 GroE 2000

Fig. D



21 GroE 2100 - 26 GroE 2600

Design life: up to 25 years

Optimal environmental compatibility - closed loop for recovery of materials in an accredited recycling system

[1] Similar to sealed lead-acid batteries

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