

The dryfit range
for modular performance adaption.



Specifications

- Design life 12 years (20°C) (80% remaining capacity)
- EUROBAT Classification: Long life
- Superior cycle performance
- Shelf life of up to 2 years without recharge (20°C) due to very low self discharge
- Very low gassing
- Short recharge time
- Proof against deep discharge (DIN 43539/5)
- Grid plate made of lead calcium alloy
- Non dangerous goods by rail, sea, air transportation
- Front access to the terminals M8 male
- Insulated block connector and protected terminals
- Handles for easy transportation
- Polypropylene container
- Proven life in many installations worldwide

Applications

The dryfit Gel battery offers excellent performance in a variety of applications and is well suited to areas

where the power supply is unstable and harsh outdoor environment are prevalent.

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Technical characteristics and data

Type	Part number	Nominal voltage V	Nominal capacity C ₂₀ / 1.75 V/C 25° C Ah	Length (l) mm	Width (b/w) mm	Height (h) mm	Weight approx. kg	Internal resistance* acc to. IEC 896-2 mΩ	Short circuit current* acc to. IEC 896-2 A	Terminal
A412/120FT	NGA4120120HSOMA	12	117	115	548	275	41.5	7	1725	M-M8-45°

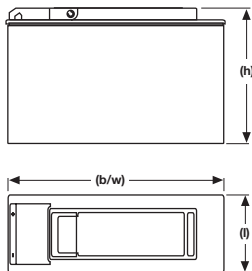
Discharge in A at 20°C

V/C	10 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.85	121.5	84.0	56.4	37.3	27.2	21.7	18.3	15.8	12.5	10.5	5.4
1.80	156.5	91.8	61.2	39.5	28.6	22.8	19.1	16.6	13.1	11.0	5.6
1.75	177.8	98.3	64.0	40.6	29.3	23.2	19.4	16.8	13.3	11.0	5.6
1.70	191.9	101.6	65.3	41.0	29.5	23.4	19.5	16.8	13.3	11.0	5.6
1.65	202.2	103.8	66.0	41.1	29.5	23.4	19.5	16.8	13.3	11.0	5.6
1.60	210.0	105.1	66.3	41.1	29.6	23.4	19.5	16.8	13.3	11.0	5.6

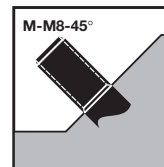
Discharge in W/Block at 20°C

V/C	3 min	5 min	10 min	15 min	20 min	30 min	45 min	60 min
1.85	1889	1702	1416	1248	1148	953	747	641
1.80	2323	2090	1695	1435	1256	1057	812	686
1.75	2588	2349	1915	1572	1349	1118	849	710
1.70	2789	2511	2015	1663	1408	1145	866	722
1.65	2981	2679	2109	1719	1443	1155	873	726
1.60	3161	2850	2140	1751	1462	1159	878	730

Drawings with terminal position, terminal and torque



Not to scale!



8 Nm

Specifications



Valve regulated lead acid batteries



Grid plate



Nominal capacity 117 Ah (C₂₀)



Block battery



Design life 12 years



Proof against deep discharge



Recyclable

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