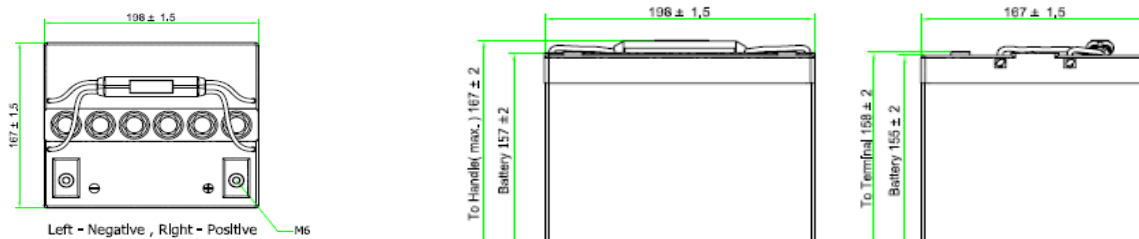


## Datenblatt / Data Sheet

### Batterie / Battery AGM A 04 12 040



### Physikalische Daten / Physical Data

| Batterie<br>Battery |    |    | Kapazität<br>capacity |                    | Länge<br>Length | Breite<br>Width | Höhe<br>Height | Gewicht<br>Weight |              | Pol<br>Terminal |
|---------------------|----|----|-----------------------|--------------------|-----------------|-----------------|----------------|-------------------|--------------|-----------------|
| Baureihe / Type     |    |    |                       |                    |                 |                 |                | g + g *           | trocken/ dry |                 |
| Typ                 | V  | Ah | Ah C <sub>5</sub>     | Ah C <sub>20</sub> | [mm]            | [mm]            | [mm]           | [kg]              | [kg]         |                 |
| A                   | 04 | 12 | 40                    | 40                 | 50              | 198             | 167            | 167               | 13,8         |                 |

\*gefüllt und geladen / filled and charged

### Leistungsdaten / Performance Data

| Entladezeit<br>Discharge rate | Kapazität<br>Capacity | Entladestrom<br>Discharge current | Abschaltspannung<br>End of DCH Voltage |      | Effektive Entladezeit<br>Effective DCH Time |      | Energiedichte Energy<br>Density |         | Leistungsdichte<br>Power Density |        |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------|------|---------------------------------------------|------|---------------------------------|---------|----------------------------------|--------|
|                               |                       |                                   | DOD*                                   |      | DOD*                                        |      |                                 |         |                                  |        |
|                               |                       |                                   | 60%                                    | 80%  | 60%                                         | 80%  |                                 |         |                                  |        |
| [h]                           | [Ah]                  | A                                 | [V/cell]                               |      | [h]                                         |      | [Wh/l]                          | [Wh/kg] | [W/l]                            | [W/kg] |
| 20,0                          | 50                    | 2,4                               | 2,01                                   | 1,96 | 12,0                                        | 16,0 | 109,20                          | 44      | 5,5                              | 2,2    |
| 10,0                          | 44                    | 4,4                               | 2,00                                   | 1,94 | 6,0                                         | 8,0  | 95,62                           | 38      | 9,6                              | 3,8    |
| 5,0                           | 40                    | 8,0                               | 1,96                                   | 1,88 | 3,0                                         | 4,0  | 85,19                           | 34      | 17,0                             | 6,8    |
| 3,0                           | 37                    | 12,3                              | 1,90                                   | 1,84 | 1,8                                         | 2,4  | 78,31                           | 31      | 26,1                             | 10,4   |
| 2,0                           | 35                    | 17,4                              | 1,80                                   | 1,73 | 1,2                                         | 1,6  | 71,68                           | 29      | 35,8                             | 14,3   |
| 1,0                           | 28                    | 28,0                              | 1,76                                   | 1,60 | 0,6                                         | 0,8  | 56,59                           | 23      | 56,6                             | 22,6   |

\* DOD: Depth of Discharge, Entladetiefe

Gebrauchsdauererwartung gemäß IEC 254-1 (3,5 h bei 0,2 CN = 70% DOD) 350 Zyklen

Cyclic endurance according IEC 254-1 (3,5 h at 0,2 CN = 70% DOD) 350 cycles

Typischer Arbeitsbereich: 5°C bis zu 40°C

Typical Operational Temperature Regime: 5°C up to 40°C

Batterien entsprechen/Batteries correspond to IEC 60-254-2/ISO 7176-25/SAE J 1495

### Laden / Charging

Ladekennlinie(n): Standard Kennlinie für verschlossene Batterien

Charging Profile(s): Standard Profile for VRLA Batteries

IUI Ladung: I = min 15 % C 5, max 40 % C 5

U = 2,35 V pro Zelle

I = 1,5 % C 5 für max. 4 Stunden

Technische Änderungen vorbehalten. We reserve the right to discontinue or change specification any time without notice or obligation!