

ATMOCE

Data Sheet

M-Backup



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| Items | Unit | M-Backup | |
|----------------------------------|-----------------|--|------------------------------------|
| What's in the box | | | |
| Combiner/Load breaker | | 1 × unit, 80 A, 2-pole | 1 × unit, 80 A, 4-pole |
| Grid breaker | | 1 × unit, 80 A, 2-pole | 1 × unit, 80 A, 4-pole |
| Bypass breaker | | 1 × unit, 80 A, 2-pole | 1 × unit, 80 A, 4-pole |
| Electrical parameters | | | |
| Grid setup | | Single-phase | Three-phase |
| Nominal voltage | V | 220/230/240 Va.c. | 220/380 Va.c., 230/400 Va.c., 3/N~ |
| Operating voltage range (L to N) | V | 184 to 276 | |
| Nominal frequency | Hz | 50/60 | |
| Extended frequency range | Hz | 45 to 65 | |
| Max. combiner/load current | A | 80 | |
| Max. grid current | A | 80 | |
| Max. distribution panel current | A | 80 | |
| Overvoltage category | | III | |
| Noise | dB | <25 | |
| Altitude | m | 3000 | |
| Protection class | | II | |
| Pollution degree | | III | |
| Mechanical parameters | | | |
| Dimensions (W x H x D) | mm | 447 × 389 × 124 | |
| Weight | kg | 3.6 | 6 |
| Ambient temperature range | °C | -30 to 50 | |
| Cooling | | Natural convection | |
| Enclosure environmental rating | | Outdoor, IP65 | |
| Wire sizes ^a | mm ² | Combiner/Load side: 16 to 25 Grid side: 16 to 25 Distribution panel side: 16 to 25 | |
| Communication cable sizes | | 0.25 to 0.75 | |
| Communication | | CAN, DO | |
| Compliance | | | |
| Safety | | IEC 61439-1/-2 | |
| Health | | IEC 62311 | |
| EMC | | EN 301 489-1/-17, IEC 61000-6-1/-2/-3/-4 | |
| Radio spectrum | | EN 300 328 | |

a. Refer to the local electrical regulations to select the cable size.