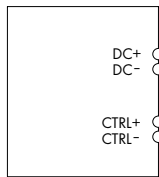


Lead-Acid AGM Battery Module; 24 VDC / 40 A 787 Series

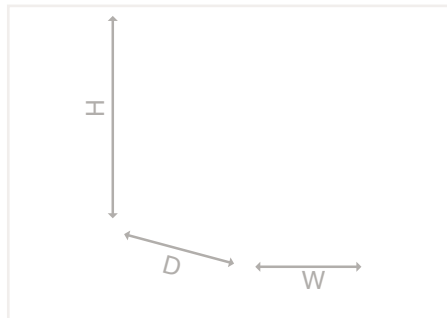


Similar to pictured device



Lead-Acid (AGM) Battery Module; Input voltage: 24 VDC; Output current: 40 A; Capacity: 7 Ah; with battery control

| Item No. | Pack. Unit |
|----------|------------|
| 787-872 | 1 |



Features:

- Lead-acid, absorbed glass mat (AGM) battery module for uninterruptible power supply (UPS)
- Can be connected to both 787-870/875 UPS Charger/Controller and 787-1675 Power Supply with integrated UPS charger and controller
- Parallel operation provides higher buffer time
- Built-in temperature sensor
- Mounting plate installation via continuous DIN-rail
- Battery control (from manufacturing no. 216570) detects both battery life and battery type

Note:

For parallel connection, please switch battery capacity setting to "OFF" in the UPS charger and controller.

| | |
|---|---|
| Input | |
| Nominal input voltage $U_{i, \text{nom}}$ | 24 VDC |
| Output | |
| Nominal output voltage $U_{o, \text{nom}}$ | 24 VDC |
| Nominal output current $I_{o, \text{nom}}$ | 40 A |
| Energy Storage Systems | |
| Battery capacity | 7 Ah |
| Charging current | $\leq 1.8 \text{ A}$ |
| End-of-charge voltage | 27 VDC (+25 °C) |
| Signaling and Communication | |
| Signaling | Battery control (C+; C-) |
| Fuse Protection | |
| Internal fuse | 2 x T 25 A |
| Safety and Protection/Environmental Requirements | |
| Protection class/protection type | III / IP20 (per EN 60529) |
| Series operation | No |
| MTBF | > 500,000 h (per IEC 61709) |
| Service life (typ.) | 5 / 4 / 2 a (20 / 30 / 40 °C) |
| Surrounding air temperature (operation) | -10 ... +40 °C |
| Pollution degree | 2 |
| Connection Data | |
| Connection technology | CAGE CLAMP®; Push-in CAGE CLAMP® |
| Input/output (solid/fine-stranded/AWG) | 0.5 ... 10 mm ² / 0.5 ... 10 mm ² / 20 ... 8 AWG |
| Battery control (solid/fine-stranded/AWG) | 0.08 ... 2.5 mm ² / 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Line length (max.) | $\leq 3 \text{ m}$ (input, output, battery control) |
| Geometric Data/Mechanical Data/Material Data | |
| Width x height x depth (mm) | 86 x 239 x 217.5 |
| Mounting type | Screw mount |
| Weight | 6500 g |
| Standards and Specifications | |
| Approvals/standards/specifications | CE; VdS-tested battery; UL 508 |