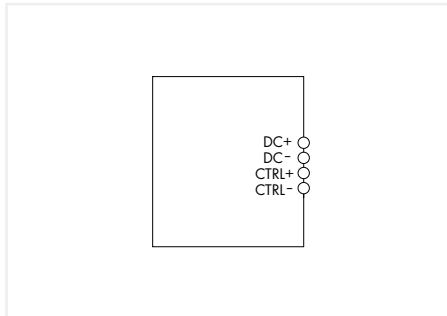


Lead-Acid AGM Battery Module; 24 VDC / 20 A 787 Series

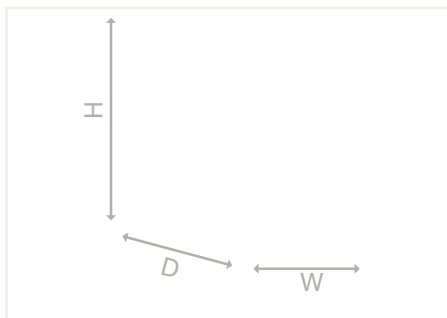


Similar to pictured device



Lead-Acid (AGM) Battery Module; Input voltage: 24 VDC;
Output current: 20 A; Capacity: 3.2 Ah; with battery
control

Item No.	Pack. Unit
787-871	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 $I_{o, \text{nom}}$	20 A
Energy Storage Systems	
Battery capacity	3.2 Ah
Charging current	$\leq 0.8 \text{ A}$
End-of-charge voltage	27 VDC (+25 °C)
Signaling and Communication	
Signaling	Battery control (C+; C-)
Fuse Protection	
Internal fuse	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®
Input/output/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)	76.2 x 168 x 175.5
Mounting type	Screw mount
Weight	3975 g
Standards and Specifications	
Approvals/standards/specifications	CE; VdS-tested battery; UL 508