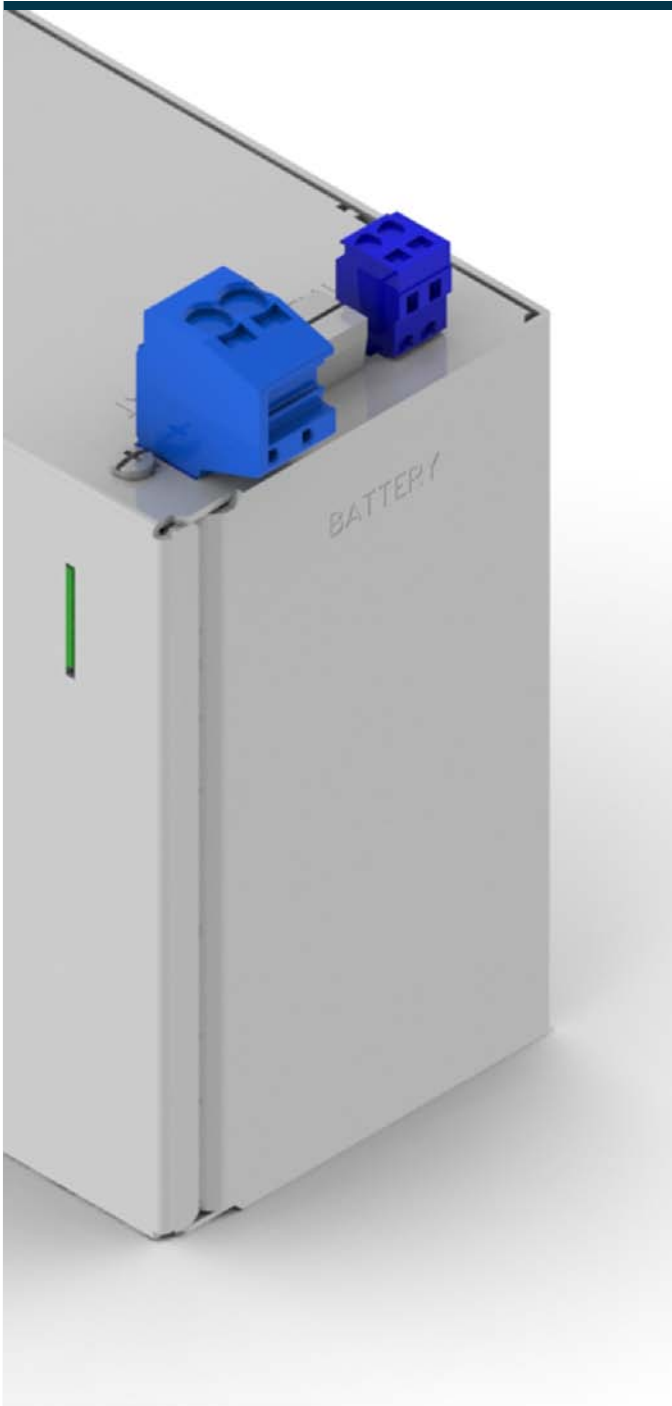


## Battery module PBAT



### General Data

Input rated voltage 24 Vdc
Output rated voltage 24 Vdc
Protection index IP 20
Ambient temperature -40 °C to +60 °C
Lifetime 15 years / 20°C
Battery module with pure lead rechargeable battery

### Advantages

Automatic detection of battery modules at UPS control unit
Reliable early warning signal when battery life expectancy is declining
Extended life expectancy through temperature controlled battery management
Service-friendly spring-loaded connector system

### Applications

Battery module for setting up a secure 24 VDC supply following mains failure

### Standards

### Approvals

UL 508 (E219022) prepared



## Battery module **PBAT**



		PBAT-1224-025-0	PBAT-1224-130-0
Electrical data	Typ		
	Input		
	Input rated voltage	24 Vdc	24 Vdc
	Rated capacitie	2.5 Ah	13.0 Ah
	Output		
	Output rated voltage	24 Vdc	24 Vdc
	Output rated current	20 A	40 A
	Internal fuse	1x 25 AT	2x 25 AT
	Parallel connection	Yes	Yes
	Storage medium		
End-of-charge voltage	27 Vdc	27 Vdc	
Environment			
Ambient temperature	-40 °C...+60 °C	-40 °C...+60 °C	
Storage temperature	-40 °C...+60 °C	-40 °C...+60 °C	
Service life	15 years at +20 °C	15 years at +20 °C	
Latest commissioning (only accumulators)	6 months at +30 °C to +40 °C	6 months at +30 °C to +40 °C	
Safety and protection			
Protection index	IP 20	IP 20	
Safety class	III	III	
Order numbers			
available from	Q1 2016	Q1 2016	
<b>Order Number</b>	<b>PBAT-1224-025-0</b>	<b>PBAT-1224-130-0</b>	

1.1

1.2

1.3

2.1

2.2

3.1

3.2

3.3

4.0

5.1

5.2



## Battery module PBAT



Mechanical data	Typ	Fixing method	Terminals Output	Terminals Input	Temperature sensor/ communication connection	Weight	Dimension picture (in mm)				
							A	B	C	D	E
	PBAT-1224-025-0	Direct screw fastening (optional)	Wago series 831, max. 10 mm <sup>2</sup>	Wago series 831, max. 10 mm <sup>2</sup>	Wago Series 231, 5 mm <sup>2</sup>	3.80 kg	180.7	168	160	86	160
	PBAT-1224-130-0	Direct screw joint	Wago series 831, max. 10 mm <sup>2</sup>	Wago series 831, max. 10 mm <sup>2</sup>	Wago series 231, max. 2,5 mm <sup>2</sup>	12.30 kg	225	187	186.5	142.2	196.5

### Dimension pictures

