

Battery module **PVA**



General Data

Input rated voltage 24 Vdc
Output rated voltage 24 Vdc
Capacity 3.2 - 12 Ah
Ambient temperature -10 °C to +40 °C
Protection index IP 20

Advantages

Automatic detection of connected battery module
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 building a secure 24 Vdc power supply in case of power failure.

Approvals



UL 508 (E219022)



Battery module PVA

Typ	PVA 24/3,2Ah	PVA 24/7Ah	PVA 24/12Ah
Electrical data			
Input			
Input rated voltage	24 Vdc	24 Vdc	24 Vdc
Rated capacitie	3.2 Ah	7.0 Ah	12.0 Ah
Output			
Output rated voltage	24 Vdc	24 Vdc	24 Vdc
Output rated current	max. 20.00 A	max. 40.00 A	max. 40.00 A
Internal fuse	25 A (slow-blow)	2 x 25 A (slow-blow)	2 x 25 A (slow-blow)
Parallel connection	Yes	Yes	Yes
Environment			
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Storage temperature	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C
Service life	5 years at +20 °C	5 years at +20 °C	5 years at +20 °C
Latest commissioning (only accumulators)	6 months at +30 °C to +40 °C	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	IP 20
Safety class	III, without PE connection	III, without PE connection	III, without PE connection
Order numbers			
Order Number	PVA 24/3,2Ah	PVA 24/7Ah	PVA 24/12Ah

Typ	Terminals input / output (spring clamp terminal, pluggable)	Terminals temperature measurement (spring clamp terminal, pluggable)	Fixing method	Weight	Dimension picture (in mm)			
					A	B	C	
PVA 24/3,2Ah	max. 2.5 mm ²	max. 2.5 mm ²	Straps at the case	4.0 kg	1	73	175.5	165
PVA 24/7Ah	max. 10 mm ²	max. 2.5 mm ²	Straps at the case	7.1 kg	2	217.5	86	236
PVA 24/12Ah	max. 10 mm ²	max. 2.5 mm ²	Straps at the case	10.6 kg	3	120.5	217.5	236

Dimension pictures

