

BATFUSE-A.01 / A.03 / B.01 / B.03

Functional

- > External, cost-efficient DC fuse and distributor
- > For currents of 125 to 250 A
- > Simple wall mounting
- > Standardized connections with M8 pipe cable lugs

Flexible

- > Versions available for all Sunny Islands
- > Possible connection of up to three Sunny Islands
- > Up to six DC connections on the battery side
- > 8 A auxiliary supply outlet (type B)

Safe

- > All-pole battery protection
- > Simple disconnection of the inverters (type B)



BATFUSE

DC Fuse for Sunny Island

Enhanced safety for your off-grid system: As an external DC distributor, the BatFuse protects the battery connections of the Sunny Island inverter. It guarantees an all-pole battery protection while also making it possible to disconnect the inverters. In order to satisfy the different system requirements we provide you with four different BatFuse designs. Depending on the model, the devices offer up to three connections for the inverters and up to six connections on the DC side. In addition, types B.01 and B.03 dispose of an 8 A auxiliary supply outlet from the battery.

Technical Data: BATFUSE A.01 / A.03 / B.01 / B.03

	BatFuse-A.01	BatFuse-A.03	BatFuse-B.01	BatFuse-B.03
Fuse				
Type	NH00	NH00	NH01	NH01
Bracket	Simple bracket	Simple bracket	Load disconnecting switch	Load disconnecting switch
Number	2	6	2	6
Electrical data				
Nominal voltage	12 / 24 / 48 V	12 / 24 / 48 V	12 / 24 / 48 V	12 / 24 / 48 V
Nominal current depending on the fuse plug	125 A	125 A	125 / 200 / 250 A	125 / 200 / 250 A
Nominal current for auxiliary supply outlet	Not available	Not available	8 A	8 A
Connections for battery / Sunny Island Charger				
Quantity per pole	2	4	3	6
Pipe cable lug	M8	M8	M8	M8
Max. cross-section of the cable	2 x 70 mm ²	2 x 70 mm ² / 2 x 35 mm ²	1 x 70 mm ² / 2 x 35 mm ²	2 x 70 mm ² / 4 x 35 mm ²
Max. outer diameter of the cable	2 x 14 - 21 mm	2 x 14 - 21 mm 2 x 9 - 16 mm	1 x 14 - 21 mm 2 x 9 - 16 mm	2 x 14 - 21 mm 4 x 9 - 16 mm
Sunny Island connections				
Number of connectible Sunny Island	1	3	1	3
Sunny Island type	SI 2224	SI 2224	All Sunny Island	All Sunny Island
Pipe cable lug	M8	M8	M8	M8
Max. cross-section of the cable	70 mm ²	70 mm ²	70 mm ²	70 mm ²
Outer diameter of the cable	14 - 21 mm	14 - 21 mm	14 - 21 mm	14 - 21 mm
Auxiliary supply outlet connections				
Quantity per pole	Not available	Not available	1	1
Max. cross-section of the cable	Not available	Not available	6 mm ²	6 mm ²
Max. outer diameter of the cable	Not available	Not available	9 - 16 mm	9 - 16 mm
Mechanical data				
Width x height x depth	254 x 180 x 111 mm	360 x 254 x 111 mm	250 x 375 x 150 mm	500 x 375 x 225 mm
Weight	1.5 kg	3.8 kg	7 kg	16 kg
Ambient conditions				
Ambient temperature	-20 °C ... +60 °C	-20 °C ... +60 °C	-20 °C ... +60 °C	-20 °C ... +60 °C
Humidity (no condensation)	100 %	100 %	100 %	100 %
General data				
Protection rating	IP65	IP65	IP65	IP65
Certification	CE	CE	CE	CE
Mounting	Wall mounting	Wall mounting	Wall mounting	Wall mounting

