



**Asantys
Systems**

Asantys Batfuse

ABF-1.1 / ABF-1.2 / ABF-2.1 / ABF-2.2 / ABF-2.2 PS*

DC Fuse for off-grid applications

Functional

- For currents of 80 to 250 A
- IP66 rating, wall mounted
- Easy connection with M8/M10 pipe cable lugs

Customized

- Versions available for most inverters, particularly all SMA Sunny Island inverters
- Connection of up to three SMA Sunny island inverters possible
- Optional: DC load output available

Safe

- Guaranteed all pole battery protection
- Very simple inverter disconnection
- Protection of battery connections to inverters by an external DC fuse box

Made in
Germany



ABF-1.1



ABF-1.2



ABF-2.1



ABF-2.2



*Solarize
your life!*

Technical Data

Asantys Batfuse ABF-1.1 / ABF-1.2 / ABF-2.1 / ABF 2.2 / ABF-2.2 PS*

Model	ABF-1-1	ABF-1.2	ABF-2.1	ABF-2.2	ABF-2.2 PS*
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Fuse

Type	NH00/NH000	NH00/NH000	NH01	NH01	NH01
Number	2	6	2	6	6
Spare	2	2	2	2	2

Electrical data

Maximum DC Voltage (V)	250	250	440	440	440
Nominal current depending on the fuse plug (A)	80 / 100 / 125 / 160	80 / 100 / 125 / 160	125 / 160 / 200 / 250	125 / 160 / 200 / 250	125 / 160 / 200 / 250

Inverter connection

Number of connectible devices	1	3	1	3	3
Pipe cable lug	M8	M8	M10	M10	M10
Max cross-section of the cable	70 mm ²	70 mm ²	70 mm ²	70 mm ²	70 mm ²
Cable gland	M32	M32	M32	M32	M32

Battery connection

Battery connection points	1	1	1	1	1
Pipe cable lug	M8	M8	M10	M10	M10
Max cross-section of the cable	70 mm ²	70 mm ²	95 mm ²	95 mm ²	95 mm ²
Cable gland	M32	M32	M40	M40	M40

Mechanical data

Width x Height x Depth	254 x 180 x 111 mm	360 x 180 x 111 mm	400 x 300 x 200 mm	600 x 400 x 230 mm	600 x 500 x 230 mm
Weight	4 kg	7.5 kg	9 kg	15 kg	15.5 kg

Ambient conditions

Ambient temperature	-35°C to +40°C	-35°C to +40°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Humidity (no condensation)	95%	95%	95%	95%	95%

General data

Protection rating	IP66	IP66	IP66	IP66	IP66
Mounting	Wall mounting	Wall mounting	Wall mounting	Wall mounting	Wall mounting

* Power Supply - auxiliary connection terminals for DC load output



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