

Asantys PV-Junction Boxes

ASJB1 / ASJB2 / ASJB3 / ASJB4 / ASJB5 / ASJB6

Available in 600V and 1000V versions*

PV-Junction boxes for solar photovoltaic systems

Functional

- Easy junction of several solar module strings
- DC fuse with 16 A
- Switch-disconnector for up to a 100 A
- Available in 600 and 1000 V
- IP65, wall mounted
- Easy installation

Customized

- Customized junction boxes available on request

Safe

- Overvoltage protection type II (type I+II available on request)
- Advanced system safety

Made in
Germany



ASJB1



ASJB2



ASJB4

* ASJBx-600V for 600V version and ASJBx-1000 is for 1000V version



*Solarize
your life!*

Technical Data

Asantys ASJB1 / ASJB2 / ASJB3

Model	ASJB1	ASJB2	ASJB3
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PV generator connection box

Number of strings (max)	1	2	3
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Fuse

Type	10x38 gPV	10x38 gPV	10x38 gPV
Rated current (A)	16	16	16
Number of fuses (2 each string)	2	4	6
Spare	1	2	3

Electrical data

Nominal Voltage (VDC)	600 or 1000*	600 or 1000*	600 or 1000*
Switch-disconnector rated current (A)	16	32	50
Overvoltage protection	Type II	Type II	Type II
Input / output cross-section	10 mm ² / 10 mm ²	10 mm ² / 10 mm ²	10 mm ² / 10 mm ²

Mechanical data

Width x Height x Depth	200 x 250 x 122 mm	450 x 315 x 155 mm	450 x 315 x 155 mm
Weight	2 kg	4 kg	5 kg

Ambient conditions

Ambient temperature	-35°C to +80°C	-35°C to +80°C	-35°C to +80°C
Humidity (no condensation)	95%	90%	90%

General data

Protection rating	IP65	IP65	IP65
Mounting	Wall mounting	Wall mounting	Wall mounting

* ASJBx-600V for 600V version and ASJBx-1000 is for 1000V version



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Technical Data

Asantys ASJB4 / ASJB5 / ASJB6

Model	ASJB4	ASJB5	ASJB6
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PV generator connection box

Number of strings (max)	4	5	6
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Fuse

Type	10x38 gPV	10x38 gPV	10x38 gPV
Rated current (A)	16	16	16
Number of fuses (2 each string)	8	10	12
Spare	4	5	6

Electrical data

Nominal Voltage (VDC)	600 or 1000*	600 or 1000	600 or 1000*
Switch-disconnector rated current (A)	63	80	100
Overvoltage protection	Type II	Type II	Type II
Input / output cross-section	10 mm ² / 16 mm ²	10 mm ² / 25 mm ²	10 mm ² / 35 mm ²

Mechanical data

Width x Height x Depth	450 x 315 x 155 mm	450 x 315 x 155 mm	600 x 315 x 155 mm
Weight	6 kg	6 kg	8 kg

Ambient conditions

Ambient temperature	-35°C to +80°C	-35°C to +80°C	-35°C to +80°C
Humidity (no condensation)	90%	90%	90%

General data

Protection rating	IP65	IP65	IP65
Mounting	Wall mounting	Wall mounting	Wall mounting

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