

Asantys AC Connection Box

AC-CON-1.5, AC-CON-1.10

AC-CON-3.10, AC-CON-3.15, AC-CON-3.30

AC Connection box for off-grid and backup applications

Functional

- AC connection box for battery inverters
- Used for off-grid or Back-up applications
- IP65, wall mounted

Customized

- Suitable for all battery inverter up to 5kW (e.g. Phocos, Victron, Opal)
- Single phase or 3-phase
- Up to six connectible battery inverters with 5kW each - more inverter connections / higher power available on request
- Optional: overvoltage protection type II
- Optional: extra Generator or Grid input (e.g. back-up)

Safe

- Including circuit breaker for each battery inverter
- Secure enclosure for safe wiring of battery inverter systems

Made in
Germany



AC-CON-1.10GL



AC-CON-3.30GL



*Solarize
your life!*

Asantys AC-CON-1.5 / AC-CON-1.10 / AC-CON-3.10 / AC-CON-3.15 / AC-CON-3.30

Model	AC-CON-1.5	AC-CON-1.10	AC-CON-3.10	AC-CON-3.15	AC-CON-3.30
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AC connection box

Number of phases	1	1	3	3	3
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Battery inverter connection

Number of connectible inverters	1	2	3	3	6
Max power per inverter (kW)	5	5	3	5	5
Max cross-section of the cable	10 mm ²	10 mm ²	10 mm ²	10 mm ²	10 mm ²
Cable gland	M32	M32	M32	M32	M32

Battery inverter protection

Type	Circuit Breaker 1ph	Circuit Breaker 1ph	Circuit Breaker 1ph	Circuit Breaker 1ph	Circuit Breaker 1ph
Breaker rated current (A)	32	32	32	32	32

Optional

<u>Model with overvoltage protection</u>	AC-CON-1.5L	AC-CON-1.10L	AC-CON-3.10L	AC-CON-3.15L	AC-CON-3.30L
Overvoltage protection	Type II	Type II	Type II	Type II	Type II
<u>Model with Generator or Grid</u>	AC-CON-1.5G	AC-CON-1.10G	AC-CON-3.10G	AC-CON-3.15G	AC-CON-3.30G
Type of protection	Circuit Breaker 1ph	Circuit Breaker 1ph	Circuit Breaker 3ph	Circuit Breaker 3ph	Circuit Breaker 3ph
Breaker rated current (A)	32	50	32	50	80
Max cross-section of the cable	10 mm ²	10 mm ²	10 mm ²	10 mm ²	16 mm ²
Cable gland	M32	M32	M32	M32	M32
<u>Model with Generator / Grid and Overvoltage protection</u>	AC-CON-1.5GL with all the above features	AC-CON-1.10GL with all the above features	AC-CON-3.10GL with all the above features	AC-CON-3.15GL with all the above features	AC-CON-3.30GL with all the above features

Mechanical data

Width x Height x Depth	200 x 125 x 122 mm	200 x 125 x 122 mm	200 x 200 x 122 mm	200 x 200 x 122 mm	450 x 315 x 155 mm
Weight	1 kg	2 kg	2 kg	2 kg	4 kg

Ambient conditions

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

General data

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