

Asantys AC-CON-PV

AC-CON-PV-1 (S, M, L) / AC-CON-PV-3 (10.1, 10.2 /
25.1, 25.2, 25.3, 25.4, 25.5, 25.6)
AC Connection box for PV inverters

Functional

- Parallel connexion of PV inverters
- IP65, wall mounted

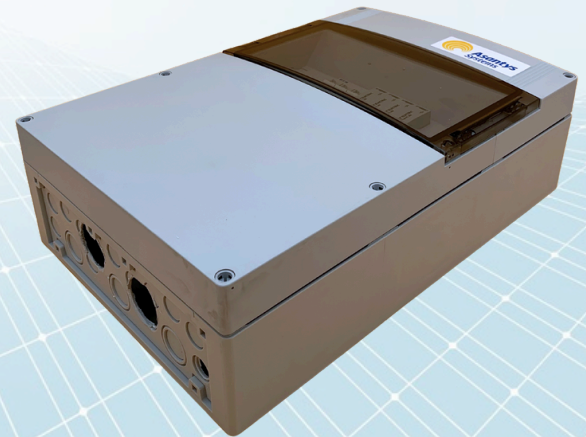
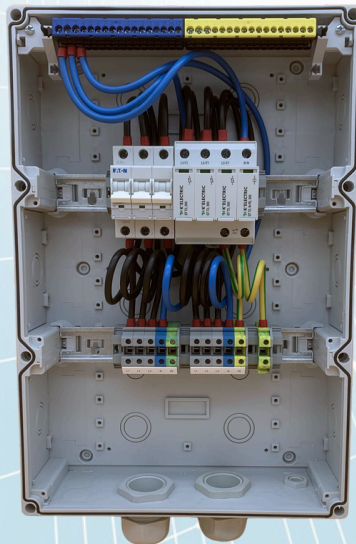
Customized

- Suitable for all PV inverter up to 25kW
- Single phase or 3-phase
- Up to six connectible pv inverters with 25kW each - more inverter connections / higher power available on request

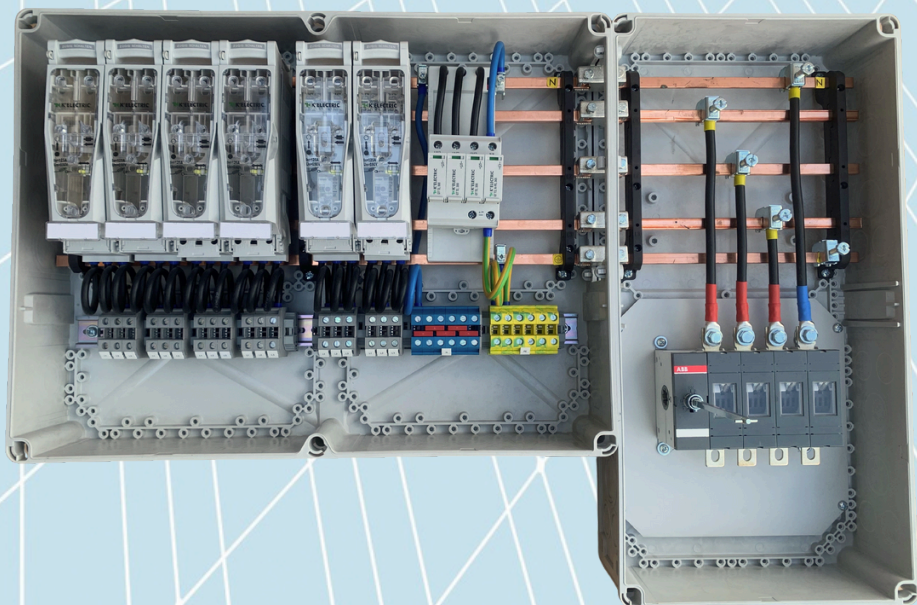
Safe

- Individual protection for each inverter
- Overvoltage protection type II
- Very simple inverter disconnection
- Secure enclosure for safe wiring of pv inverter systems

Made in
Germany



AC-CON-PV-3 25.1



AC-CON-PV-3 25.6



*Solarize
your life!*

Technical Data

Asantys AC-CON-PV-1 (S, M, L)

Model	AC-CON-PV-1 S	AC-CON-PV-1 M	AC-CON-PV-1 L
-------	---------------	---------------	---------------

PV inverter connection box

Number of phases	1	1	1
------------------	---	---	---

PV inverter connection

Number of connectible inverters	1	2	3
Max power per inverter (kW)	5	5	5
Nominal Voltage (V)	230	230	230
Max cross-section of the cable	10 mm ²	10 mm ²	10 mm ²

PV inverter protection

Type	Circuit Breaker 1ph	Circuit Breaker 1ph	Circuit Breaker 1ph
Breaker/fuse rated current (A)	32	32	32
Switch-disconnector rated current (A)	-	-	-
Overvoltage protection	Type II	Type II	Type II

Output

Max cross-section of the cable	10 mm ²	10 mm ²	10 mm ²
--------------------------------	--------------------	--------------------	--------------------

Mechanical data

Width x Height x Depth	300 x 315 x 155 mm	300 x 315 x 155 mm	450 x 315 x 155 mm
Weight	3 kg	3 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)	90%	90%	90%

General data

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



Asantys Systems GmbH
Am Schneitbach 12 · 77716 Hofstetten · Germany · Tel: + 49 7832 999 2211
Fax: +49 7832 999 2809 · Mail: contact@asantys.com · www.asantys.com



Technical Data

Asantys AC-CON-PV-3 (10.1, 10.2 / 25.1, 25.2)

Model	AC-CON-PV-3 10.1	AC-CON-PV-3 10.2	AC-CON-PV-3 25.1	AC-CON-PV-3 25.2
-------	------------------	------------------	------------------	------------------

PV inverter connection box

Number of phases	3	3	3	3
------------------	---	---	---	---

PV inverter connection

Number of connectible inverters	1	2	1	2
Max power per inverter (kW)	10	10	25	25
Nominal Voltage (V)	230/400	230/400	230/400	230/400
Max cross-section of the cable	10 mm ²	10 mm ²	10 mm ²	10 mm ²

PV inverter protection

Type	Circuit Breaker 3ph	Circuit Breaker 3ph	Circuit Breaker 3ph	NH00/000
Breaker/fuse rated current (A)	32	32	50	50
Switch-disconnector rated current (A)	-	-	-	80
Overvoltage protection	Type II	Type II	Type II	Type II

Output

Max cross-section of the cable	10 mm ²	10 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	450 x 315 x 155 mm	600 x 600 x 170 mm
Weight	5 kg	5 kg	5 kg	5 kg

Ambient conditions

Ambient temperature	-35°C to +80°C	-35°C to +80°C	-35°C to +80°C	-5°C to +40°C
Humidity (no condensation)	90%	90%	90%	100%

General data

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



Asantys Systems GmbH
Am Schneitbach 12 · 77716 Hofstetten · Germany · Tel: + 49 7832 999 2211
Fax: +49 7832 999 2809 · Mail: contact@asantys.com · www.asantys.com



Technical Data

Asantys AC-CON-PV-3 (25.3, 25.4, 25.5, 25.6)

Model	AC-CON-PV-3 25.3	AC-CON-PV-3 25.4	AC-CON-PV-3 25.5	AC-CON-PV-3 25.6
-------	------------------	------------------	------------------	------------------

PV inverter connection box

Number of phases	3	3	3	3
------------------	---	---	---	---

PV inverter connection

Number of connectible inverters	3	4	5	6
Max power per inverter (kW)	25	25	25	25
Nominal Voltage (V)	230/400	230/400	230/400	230/400
Max cross-section of the cable	10 mm ²	10 mm ²	10 mm ²	10 mm ²

PV inverter protection

Type	NH00/000	NH00/000	NH00/000	NH00/000
Breaker/fuse rated current (A)	50	50	50	50
Switch-disconnector rated current (A)	125	160	200	250
Overvoltage protection	Type II	Type II	Type II	Type II

Output

Max cross-section of the cable	50 mm ²	70 mm ²	70 mm ²	95 mm ²
--------------------------------	--------------------	--------------------	--------------------	--------------------

Mechanical data

Width x Height x Depth	600 x 600 x 170 mm	600 x 600 x 170 mm	600 x 900 x 170 mm	600 x 900 x 170 mm
Weight	6 kg	6 kg	6 kg	6 kg

Ambient conditions

Ambient temperature	-5°C to +40°C	-5°C to +40°C	-5°C to +40°C	-5°C to +40°C
Humidity (no condensation)	100%	100%	100%	100%

General data

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



Asantys Systems GmbH
Am Schneitbach 12 · 77716 Hofstetten · Germany · Tel: + 49 7832 999 2211
Fax: +49 7832 999 2809 · Mail: contact@asantys.com · www.asantys.com

