

Sample handover: inverter test bay

Inverter test bay, Bregenz, Vorarlberg, Austria

6

UNITS RECORDED

Inverters 5 · Power controllers 1
Condition at handover: 6 new

Every manufacturer, model and serial number in this register was checked by a person against its nameplate photograph; a blank one means the plate does not state it.
This pack records the equipment as installed, with its nameplate data and photographic evidence. It is not a commissioning or electrical test report.

2

EQUIPMENT TYPES

PREPARED BY
Sample Installer Co.

DOCUMENT DATE
20 Oct 2026

INSTALLED
07 Sep 2026

SYSTEM SIZE
385 kW

PREPARED FOR
Site owner (sample)

REVISION
Rev 1

COMMISSIONED
21 Sep 2026

IN THIS PACK

2 Equipment asset register	page 2
3 Nameplate & photographic record	page 3
4 Attachments index	page 9

To find a unit: look it up in the register by item, serial or location. Its last column gives the page with its photographs and every nameplate detail.

ACCEPTANCE

INSTALLER	NAME	DATE
Sample Installer Co.		

CLIENT	NAME	DATE
Site owner (sample)		

2 Equipment asset register

ITEM	SITE TAG	CATEGORY	MANUFACTURER	MODEL	SERIAL NUMBER	CONDITION	RATING / CAPACITY	LOCATION	NAMEPLATE PHOTO
001	INV-01	Inverters	SMA Solar Technology AG	Sunny Tripower STP 25-50	3015606912	New	25000 W	Test bay, wall B, upper left	Page 3
002	INV-02	Inverters	KACO new energy GmbH	blueplanet 105 TL3 M1 WMOD IIG0	105TL01777040	New	105 000 VA	Test bay, wall B, upper centre	Page 4
003	INV-03	Inverters	KACO new energy GmbH	blueplanet 100 NX3 M8 WM OD IIGX	100NX301805598IEC	New	100 000 VA	Test bay, wall B, lower centre	Page 5
004	INV-04	Inverters	KOSTAL Solar Electric	PIKO CI 100	2404-40210728P	New	100 kW / 111 kVA	Test bay, wall B, upper right	Page 6
005	INV-05	Inverters	WEG	SIW500H ST030 M3	6T2199001846	New	30 kW	Test bay, wall B, right	Page 7
006	PC-01	Power controllers	Fronius	Ohmpilot 9.0-3	93027673	New	9000 W	Workshop, wall A	Page 8

END OF REGISTER

6 lines · 6 units

Inverters – 5 Power controllers – 1

3 Nameplate & photographic record

Each item numbered as it appears in the register gets its own page: everything its nameplate states, its own photograph, and the crew's photographs of the physical unit - always in the same positions.

001 INVERTERS · TAG INV-01 · TEST BAY, WALL B, UPPER LEFT
SMA Solar Technology AG · Sunny Tripower STP 25-50 · 3015606912

NAMEPLATE DETAILS

Manufacturer	SMA Solar Technology AG
Model	Sunny Tripower STP 25-50
Serial No.	3015606912
Rating / capacity	25000 W
Condition	New
Site tag	INV-01
Location	Test bay, wall B, upper left
Warranty	120 months from 21 Sep 2026, until 21 Sep 2036
PIC	004533015201310
RID	6VAKEZ
Vmax PV	1000 V
VMPP PV	430 - 800 V
Imax PV	3 x 24 A
Isc PV	3 x 35 A
Vrated	380/400/415 V
Grid	3N~ 50/60 Hz
Srated/max	25000/25000 VA
Irated/max	36.2/36.6 A
Ingress protection	IP65
Protective class	I
Overvoltage category	PV: II, AC grid: III
Weight	35 kg
Date of manufacture	2022-10-24
Marks	CE, RoHS

NAMEPLATE PHOTO



UNIT PHOTO 1



UNIT PHOTO 2



002 INVERTERS · TAG INV-02 · TEST BAY, WALL B, UPPER CENTRE
KACO new energy GmbH · blueplanet 105 TL3 M1 WMOD IIG0 · 105TL01777040

NAMEPLATE DETAILS

Manufacturer	KACO new energy GmbH
Model	blueplanet 105 TL3 M1 WMOD IIG0
Serial No.	105TL01777040
Rating / capacity	105 000 VA
Condition	New
Site tag	INV-02
Location	Test bay, wall B, upper centre
Warranty	120 months from 21 Sep 2026, until 21 Sep 2036
Part number	1001941
Year	Q4 / 22
Vmax PV / Isc PV (max) / Inom PV	1500 V / 300 A / 183 A
V-MPP at Pnom / V- range	591 V - 1300 V / 591 V - 1450 V
Nominal voltage	380 / 400 / 415 V (3P+PE)
Voltage range continuous operation	300 V - 478 V (Ph-Ph)
Current (maximum continuous)	3 x 152 A
Frequency range	45 Hz - 65 Hz
Snom at 380 / 400 / 415 V	99 900 VA
Smax at 400 / 415 V	105 000 VA
Reactive power	0 - 100% Snom
Protection class / Ingress protection	I / IP66 / Type 4X
Max. backfeed current	3 A
Made in	Germany
Marks	CE

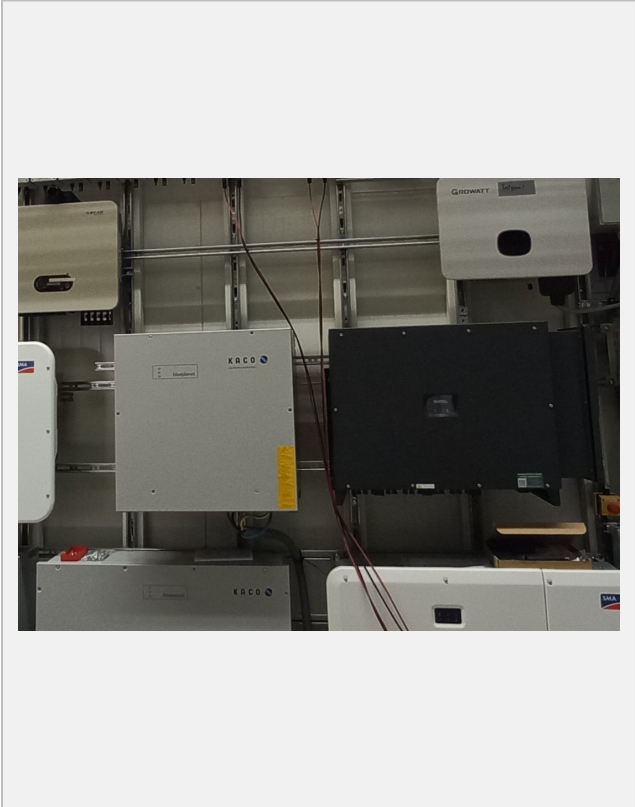
NAMEPLATE PHOTO



UNIT PHOTO 1



UNIT PHOTO 2



003 INVERTERS · TAG INV-03 · TEST BAY, WALL B, LOWER CENTRE
KACO new energy GmbH · blueplanet 100 NX3 M8 WM OD IIGX · 100NX301805598IEC

NAMEPLATE DETAILS

Manufacturer	KACO new energy GmbH
Model	blueplanet 100 NX3 M8 WM OD IIGX
Serial No.	100NX301805598IEC
Rating / capacity	100 000 VA
Condition	New
Site tag	INV-03
Location	Test bay, wall B, lower centre
Warranty	120 months from 21 Sep 2026, until 21 Sep 2036
Part number	1002081
Year	02 / 24
Vmax PV / Isc PV (max) / Inom PV	1100 Vdc / 8 x 37.5 A / 8 x 30 A
V-MPP at Pnom / V- range	550 V - 850 V / 200 V - 1000 V
Nominal voltage	400 V (3/N/PE)
Voltage range continuous operation	300 V - 480 V (Ph-Ph)
Current (maximum continuous)	3 x 182.0 A
Frequency range	45 Hz - 65 Hz
Rated power at 380 V / 400 V	100 000 VA
Reactive power	0 - 60 % Snom
Protection class / Ingress protection	I / IP66
Topology	No galvanic separation, ungrounded arrays only
Made in	Germany
Marks	CE

UNIT PHOTO 1

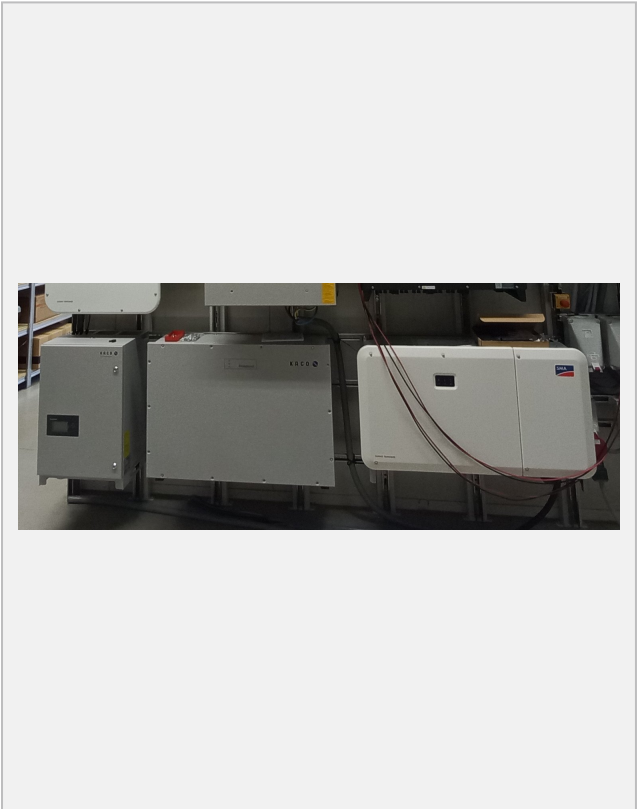


Sample handover: inverter test bay

NAMEPLATE PHOTO



UNIT PHOTO 2



004 INVERTERS · TAG INV-04 · TEST BAY, WALL B, UPPER RIGHT
KOSTAL Solar Electric · PIKO CI 100 · 2404-40210728P

NAMEPLATE DETAILS

Manufacturer	KOSTAL Solar Electric
Model	PIKO CI 100
Serial No.	2404-40210728P
Rating / capacity	100 kW / 111 kVA
Condition	New
Site tag	INV-04
Location	Test bay, wall B, upper right
Warranty	120 months from 21 Sep 2026, until 21 Sep 2036
Item No.	12182411
DC Vmpp	200 - 1000 V
DC Vdc max	200 - 1100 V
DC Idcmax	3 x 40 + 5 x 32 A
DC Iscmax	3 x 50 + 5 x 45 A
DC overvoltage category	II
AC grid	3(N)~ 400 V, 50 Hz
AC Iscmax	168.8 A
AC Pac / Sac	100 kW / 111 kVA
Protection	Class I, IP66
Operating temperature	-25 °C ... 60 °C
Certification	TÜV Rheinland type approved, ID 1111270880
Marks	CE

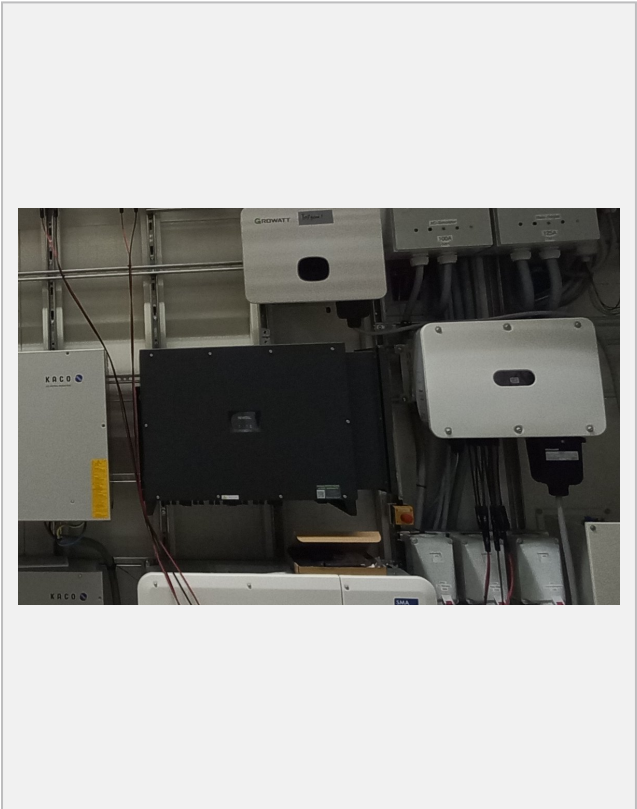
NAMEPLATE PHOTO



UNIT PHOTO 1



UNIT PHOTO 2



005 INVERTERS · TAG INV-05 · TEST BAY, WALL B, RIGHT
WEG · SIW500H ST030 M3 · 6T2199001846

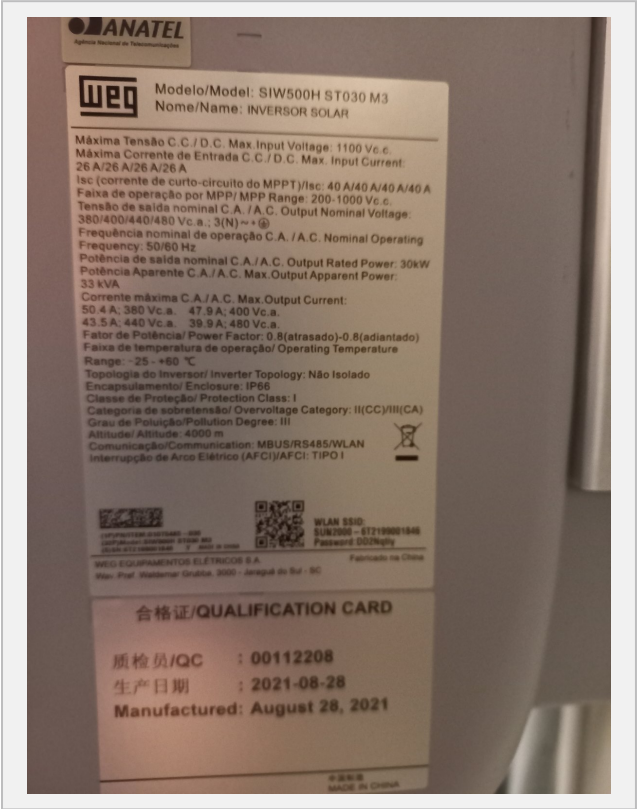
NAMEPLATE DETAILS

Manufacturer	WEG
Model	SIW500H ST030 M3
Serial No.	6T2199001846
Rating / capacity	30 kW
Condition	New
Site tag	INV-05
Location	Test bay, wall B, right
Warranty	120 months from 21 Sep 2026, until 21 Sep 2036
Name	Inversor solar (solar inverter)
Max. DC input voltage	1100 V d.c.
Max. DC input current	26 A / 26 A / 26 A / 26 A
Isc (MPPT)	40 A / 40 A / 40 A / 40 A
MPP range	200 - 1000 V d.c.
AC nominal output voltage	380/400/440/480 V a.c., 3(N)~
AC nominal frequency	50/60 Hz
AC rated output power	30 kW
Max. apparent power	33 kVA
Max. AC output current	50.4 A @ 380 V, 47.9 A @ 400 V, 43.5 A @ 440 V, 39.9 A @ 480 V
Power factor	0.8 lagging - 0.8 leading
Operating temperature	-25 °C to +60 °C
Topology	Non-isolated
Enclosure	IP66
Protection class	I
Overvoltage category	II (DC) / III (AC)
Pollution degree	III
Altitude	4000 m
Communication	MBUS / RS485 / WLAN
AFCI	Type I
QC	00112208
Manufactured	2021-08-28
Made in	China

UNIT PHOTO 1



NAMEPLATE PHOTO



UNIT PHOTO 2



006 POWER CONTROLLERS · TAG PC-01 · WORKSHOP, WALL A
Fronius · Ohmpilot 9.0-3 · 93027673

NAMEPLATE DETAILS

Manufacturer	Fronius
Model	Ohmpilot 9.0-3
Serial No.	93027673
Rating / capacity	9000 W
Condition	New
Site tag	PC-01
Location	Workshop, wall A
Warranty	120 months from 21 Sep 2026, until 21 Sep 2036
Art.Nr.	4,050,016
Type	Power controller (Leistungssteller)
U	1~230 V / 3~400 V / 50 Hz
P load (max)	9000 W
Ingress protection	IP 54
I in	16 A
I load	1 x 16 A / 3 x 16 A
I analog out	13 A
I relay	13 A
Made in	Wels, Austria
Marks	CE

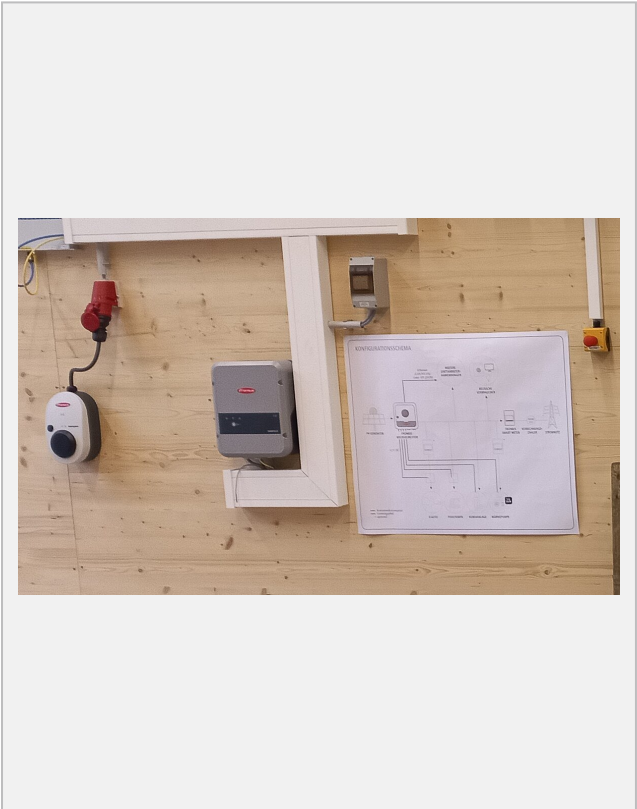
NAMEPLATE PHOTO



UNIT PHOTO 1



UNIT PHOTO 2



4 Attachments index

FILE NAME	TYPE	DESCRIPTION
Photo credits	Other	Sample project. Photographs by Asumipal, Wikimedia Commons, licensed CC BY-SA 4.0 (resized and cropped).
