











































/// PEIMAR



PZB2025N3420

/// PEIMAR



PZB2025N3434

///PEIMAR

OR10H500MNDB (BF)

All technical data at standard test condition:
AM = 1.5 E = 1000W/m² TC = 25 °C
P_{max}, V_{oc}, I_{sc} measurement tolerance: ± 3%
Bifaciality: 80 ± 5%

Rated Maximum Power (P _m)	500 W
Power Tolerance	0 / +5 W
Voltage at P _{max} (V _{mp})	36.93 V
Current at P _{max} (I _{mp})	13.54 A
Open Circuit Voltage (V _{oc})	43.32 V
Short Circuit Current (I _{sc})	14.26 A

Tested according to standards: IEC 61215-1, IEC 61215-1-1,
IEC 61215-2, IEC 61730-1, IEC 61730-2

Maximum System Voltage	1500 V DC
Maximum Series Fuse Rating	30 A
Safety Class	II
Weight	26.7 Kg - 58.8 lbs
Dimension	1903x1134x30 mm 74.92x44.64x1.18"



WARNING

Solar modules generate electricity as soon as they are exposed to light. One module on its own is below the safety extra low volt level, but multiple modules connected in series (summing the voltage) represent a danger. Refer to installation manual on website www.peimar.com

MADE IN P.R.C.

/// PEIMAR



PZB2025N2866

/// PEIMAR



PZB2025N2822

/// PEIMAR



PZB2025N2816

/// PEIMAR



PZB2025N2819

/// PEIMAR



PZB2025N2823

///PEIMAR



PZB2025N2813

/// PEIMAR



PZB2025N3424

/// PEIMAR



PZB2025N2667

///PEIMAR

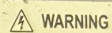
OR10H500MNDB (BF)

All technical data at standard test condition:
AM = 1.5 E = 1000W/m² TC = 25 °C
P_{max}, Voc, Isc measurement tolerance: ± 3%
Bifaciality: 80 ± 5%

Rated Maximum Power (P _m)	500 W
Power Tolerance	0 / +5 W
Voltage at P _{max} (V _{mp})	36.93 V
Current at P _{max} (I _{mp})	13.54 A
Open Circuit Voltage (Voc)	43.32 V
Short Circuit Current (Isc)	14.26 A

Tested according to standards: IEC 61215-1, IEC 61215-1-1,
IEC 61215-2, IEC 61730-1, IEC 61730-2

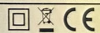
Maximum System Voltage	1500 V DC
Maximum Series Fuse Rating	30 A
Safety Class	II
Weight	26.7 Kg - 58.8 lbs
Dimension	1903x1134x30 mm 74.92x44.64x1.18"



WARNING

Solar modules generate electricity as soon as they are exposed to light. One module on its own is below the safety extra low volt level, but multiple modules connected in series (summing the voltage) represent a danger. Refer to installation manual on website www.peimar.com

MADE IN P.R.C.



///PEIMAR



PZB2025N2849

/// PEIMAR

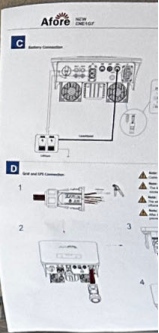


PZB2025N3438

Afore



ATON

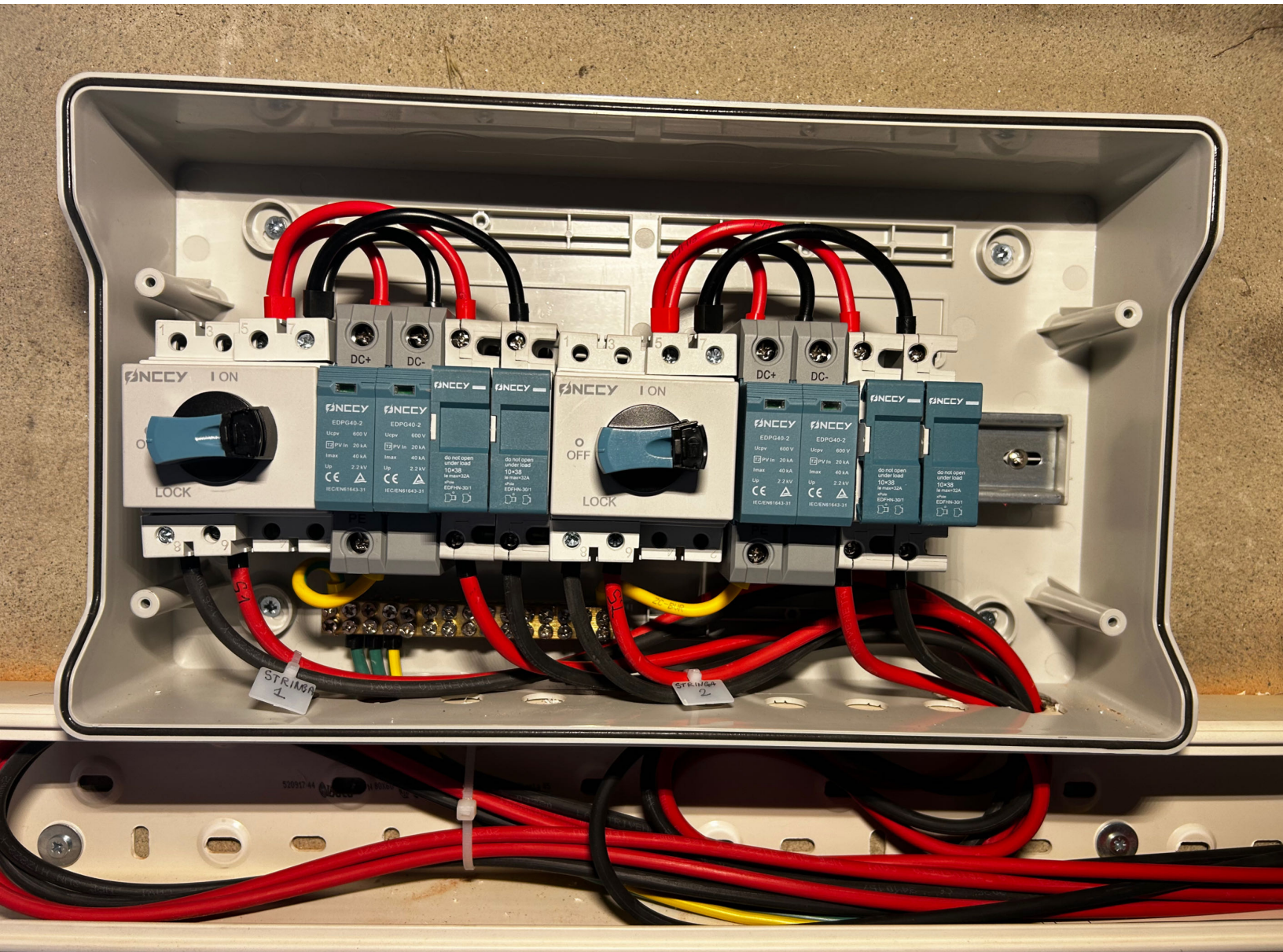


Pytes



Afore

ATON





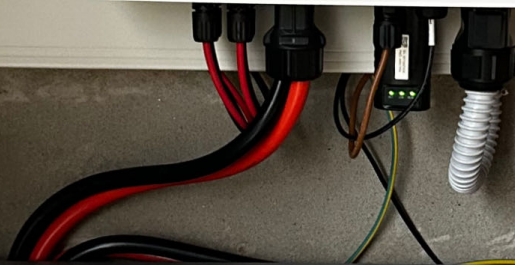
5A DC
40A
CE ROHS



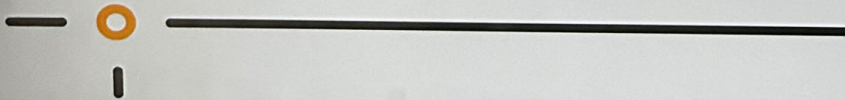
Afore



ATON



Pytes



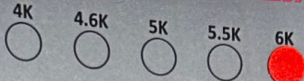








Model:
AFx-SLP



PV Input

V _{pv} Max (V)	550				
V _{pv} MPPT (V)	80-500				
I _{pv} Max (A)	18.5x2				
I _{sc} Max (A)	26x2				
P _{pv} Max (kW)	6	6.9	7.5	8.3	9

Battery

Battery Type	Li-Ion/Lead-acid etc.				
V _{bat} Range (V)	40-60				
I _{cc} /I _{dc} Max (A)	120				
P _{cc} /P _{dc} Max (kW)	4	4.6	5	5.5	6

AC Grid

V _{grid} Nom (V)	220/230				
f _{grid} Nom (Hz)	50/60				
I _{grid} Cont. (A)	19	22	23	26	28
P _{grid} Cont. (kW)	4	4.6	5	5.5	6
S _{grid} Cont. (kVA)	4	4.6	5	5.5	6

Power Factor 1 (-0.8~+0.8 adjustable)

AC Load Output

V _{acload} Nom (V)	220/230				
f _{acload} Nom (Hz)	50/60				
I _{acload} Cont. (A)	19	22	23	26	28
S _{acload} Cont. (kVA)	4	4.6	5	5.5	6
S _{acload} Peak (kVA)	6 (10min)	6.9 (10min)	7.5 (10min)	8.3 (10min)	9 (10min)

Protective Class

IP Degree	IP65				
-----------	------	--	--	--	--

Operating temperature range

-25~+60 °C (Derating 45 °C)

AF6K-SLP



S2260LP002527636



RoHS

+86-21-54326236
www.aforeenergy.com

+86-21-54326136
info@aforeenergy.com

Afore New Energy Technology (Shanghai) Co., Ltd.
Building 7, No. 333 Wanfang Rd, Minhang District,
Shanghai, China. 201112

Pytes

Product Model	V12
Battery Type	Rechargeable Li-ion Battery
Operating Voltage Range	47.5Vd.c.~56.8Vd.c.
Nominal Voltage	51.2Vd.c.
Rated Energy	11.776kWh
Rated Capacity	230Ah
Rated Charge/Discharge Current	100A
Protection Class	Class I
Ingress Protection Degree	IP66
Short Current/Duration	<2200A/300ms

IFP55/175/208[165]E/-10+50/95

CAUTION!

- Do not dispose of batteries in a fire, as they may explode.
- Do not open or mutilate batteries. The released electrolyte is harmful to the skin and eyes and may be toxic.
- Batteries can present a risk of electric shock or burns from high short-circuit currents.
- Failed batteries can reach temperatures exceeding safe touch thresholds for surfaces.



S/N:

Date:



2025-Jun-24

MADE IN CHINA
Shanghai PYTES Energy Co., Ltd.
No.3492, Jinqian Road, Fengxian
District, Shanghai, 201406, China
www.pytesess.com
ess_support@pytesgroup.com

DANGER

Charge the battery every six months to reach 90% SOC, in case of long-term storage.

DANGER! LOW DC VOLTAGE INSIDE
DANGER! ARC FLASH & SHOCK HAZARD

Read the user's manual carefully before wire connection.
Make sure the ground connection is properly set before use.
Repair work must be carried out by authorized and trained persons only.
Do not place the battery in an area that can be touched by children or pets.
Do not place the battery near open flame or flammable material.
Do not allow the battery to be immersed in or in contact with water or other liquids.
Avoid direct sunlight and humid environment.
Do not dismantled this battery by non-qualified personnel.
Do not drop, crush, or impact the battery; do not cut or spear the battery with a sharp object.
Do not cover or wrap the battery.
Do not sit or place heavy objects on the battery.
If the battery leaks liquid, catches fire or is damaged, switch off the breaker on DC side and stay away from the battery.
Contact your supplier within 24 hours in case of failure.



Pytes

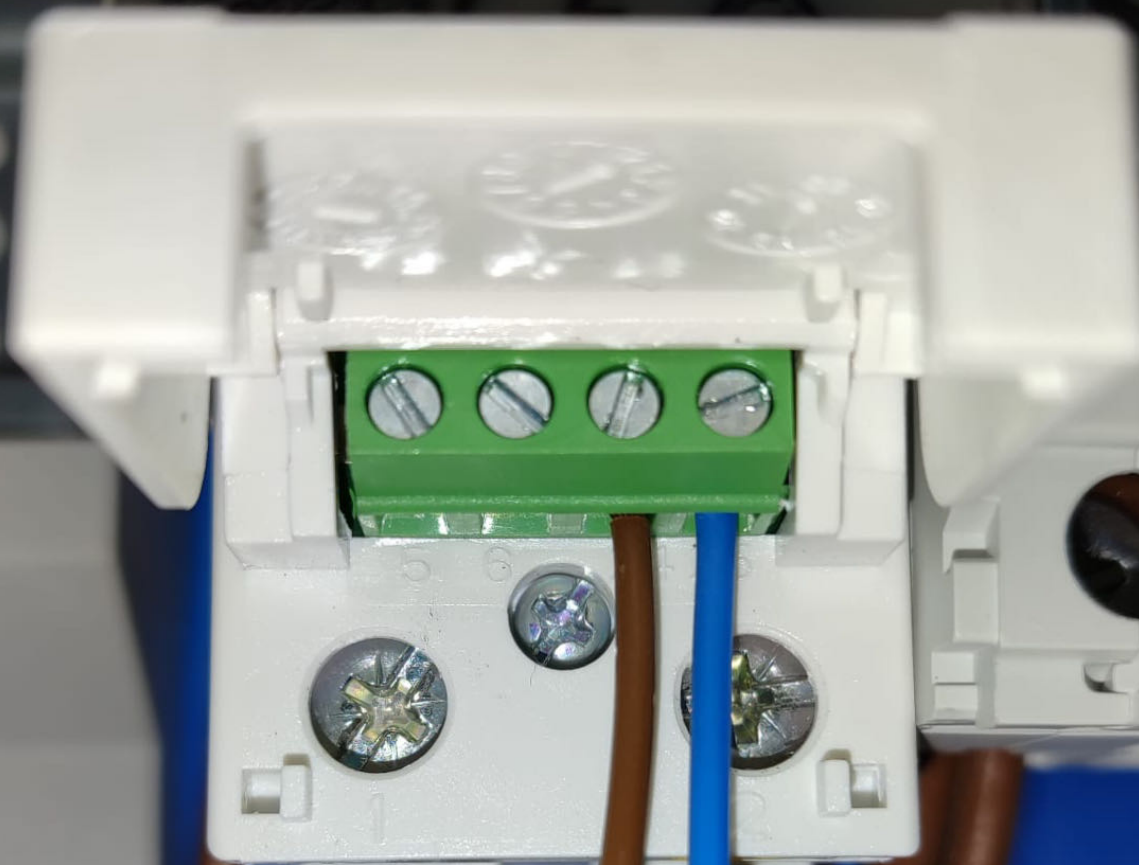
0418000000018304



Scratch and check



220/230V 5(80)A 50/60Hz CL1
800imp/kWh





SN: 3572067414
PWD: dd9c764a

NET COM READY

80°C 300V YW-1 CR 1A 1A 80°C 300V FT1 JINHAOTU

















F_81<.S1: 49.79Hz
T_81<.S1: 97ms



Test 81>.S1
F_Thr: 50.20Hz

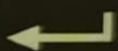


Test 27. S1
V_Thr: 195.5V



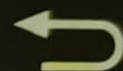


Test 81<.S2
F_Thr: 47.50Hz





Test 81>.S1
F_Thr: 50.20Hz





Test 59.S1
V_Thr: 253.0V



V_59.S1: 253.0V
T_59.S1: 2993ms





V_27.S1: 195.0V
T_27.S1: 1495ms





Test 81<.S1
F_Thr: 49.80Hz



F_81>.S2: 51.50Hz
T_81>.S2: 97ms





Test 59.S2
V_Thr: 264.5V





Test 27.S2
V_Thr: 34.5V





Test 81>.S2
F_Thr: 51.50Hz





V_27.S1: 195.0V
T_27.S1: 1495ms



V_59.S1: 253.0V
T_59.S1: 2997ms





V_59.S2: 265.0V
T_59.S2: 200ms





Test 27. S1
V_Thr: 195.5V



V_27.S2: 34.5V
T_27.S2: 195ms





F_81<.S2: 47.49Hz
T_81<.S2: 97ms





F_81<.S1: 49.79Hz
T_81<.S1: 97ms



F_81>.S1: 50.21Hz

T_81>.S1: 94ms



V_59.S1: 253.0V
T_59.S1: 2997ms



Test 59. S1
V_Thr: 253.0V





Test 27.S2
V_Thr: 34.5V



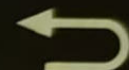


F_81>. S1: 50.21Hz
T_81>. S1: 94ms





Test 59.S2
V_Thr: 264.5V



V_27.S2: 34.5V
T_27.S2: 195ms



Test 81<. S1
F_Thr: 49.80Hz





V_59.S2: 265.0V
T_59.S2: 200ms





Test 59.S1
V_Thr: 253.0V







