

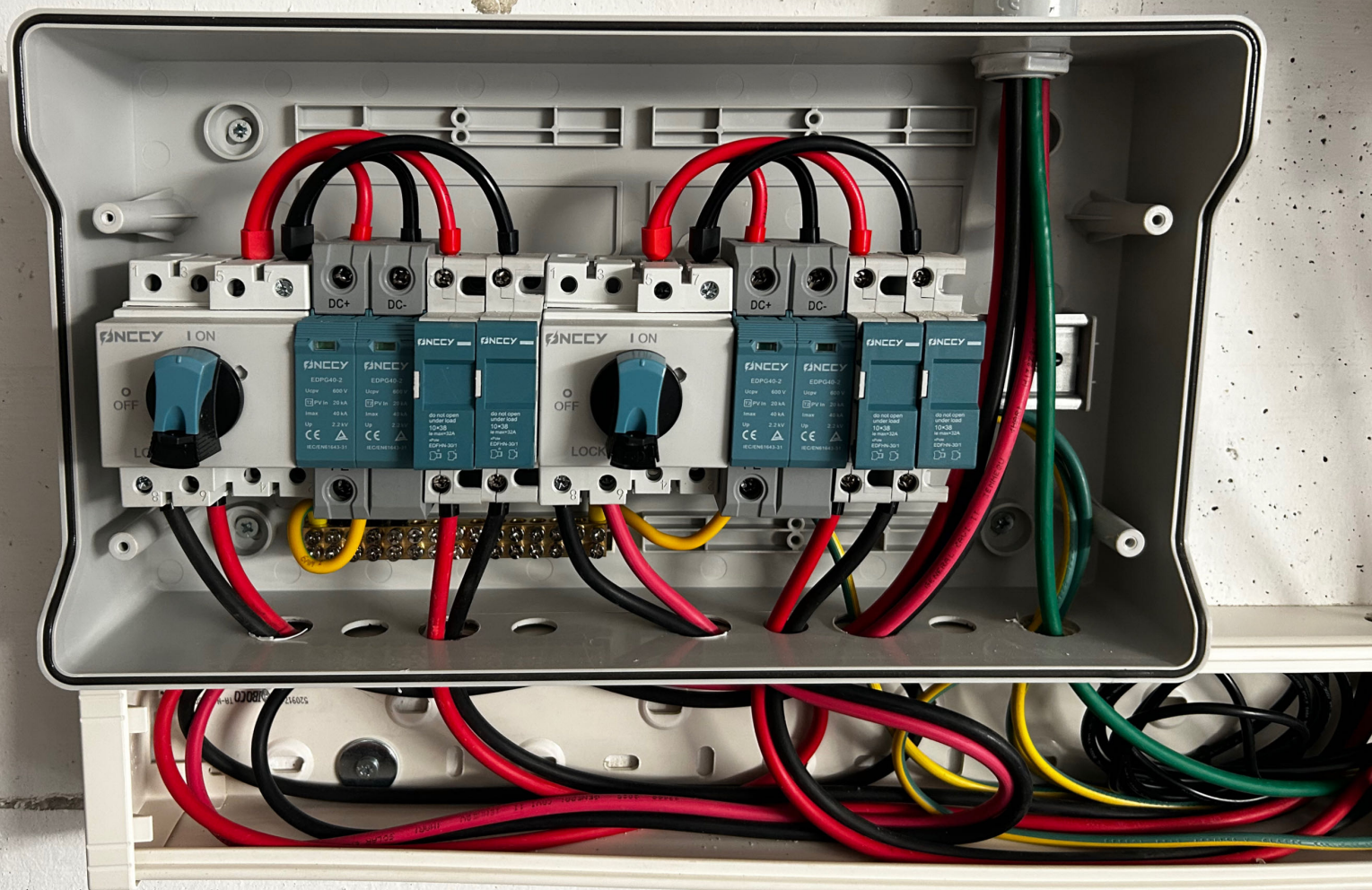


Afore

ATON

Pytes







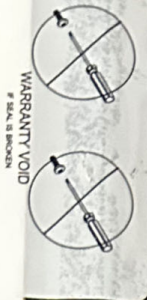


SN: 3572624855
PWD: 9c5d6161

NET

COM

READY



Model: AFx-SLP 4K 4.6K 5K 5.5K **6K**

PV Input

Vpv Max (V)	550				
Vpv MPPT (V)	80-500				
Ipv Max (A)	18.5x2				
Isc Max (A)	26x2				
Ppv Max (kW)	6	6.9	7.5	8.3	9

Battery

Battery Type	Li-Ion/Lead-acid etc.				
Vbat Range (V)	40-60				
Icc/Isc Max (A)	120				
Pcc/Pdc Max (kW)	4	4.6	5	5.5	6

AC Grid

Vgrid Nom (V)	220/230				
fgrid Nom (Hz)	50/60				
Igrid Cont. (A)	19	22	23	26	28
Pgrid Cont. (kW)	4	4.6	5	5.5	6
Sgrid Cont. (kVA)	4	4.6	5	5.5	6
Power Factor	1 (-0.8~+0.8 adjustable)				

AC Load Output

VACload Nom (V)	220/230				
fACload Nom (Hz)	50/60				
IACload Cont. (A)	19	22	23	26	28
SACload Cont. (kVA)	4	4.6	5	5.5	6
SACload Peak (kVA)	6 (10min)	6.9 (10min)	7.5 (10min)	8.3 (10min)	9 (10min)

Protective Class

IP Degree	IP65				
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Operating temperature range -25~+60℃ (Derating 45℃)

AF 6K-SLP



S2260LP002527672



RoHS

+86-21-54326236 +86-21-54326136 Afore New Energy Technology (Shanghai) Co., Ltd.
www.aforeenergy.com info@aforeenergy.com Building 7, No.333 Wandang Rd, Minhang District, Shanghai, China. 201112

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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

CAUTION!

IFP55/175/208[16S]E/-10+50/95

- ◆ 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:



741800000018318

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.



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Scratch and check



LEROY MERLIN









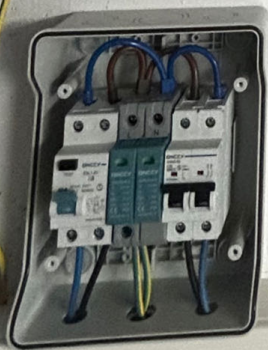


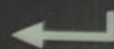
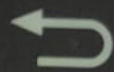






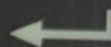
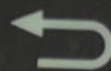




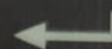
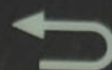


F_81>.S2: 51.50Hz

T_81>.S2: 95ms



Test 81>.S2
F Thr: 51.50Hz

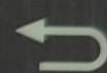


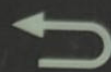
Test 81>. S1

F Thr: 50.20Hz



Test 59. S1
V_Thr: 253.0V



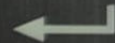
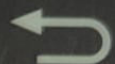


F_81>. S1: 50.20Hz

T_81>. S1: 95ms

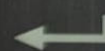
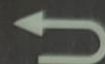


Test 59.S2
V_Thr: 264.5V





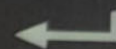
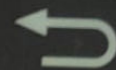
V_27.S2: 34.1V
T_27.S2: 198ms





V_27.S1: 195.5V
T_27.S1: 1498ms

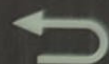


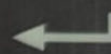
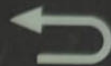


Test 81<.S2
F Thr: 47.50Hz



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

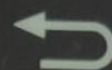




Test 27.52
V Thr: 34.5V



Test 81<. S1
F Thr: 49.80Hz





F_81<.S2: 47.50Hz
T_81<.S2: 96ms









