



2026

Bluesun Global Case Book



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Bluesun Global Case Book



Bluesun Solar Co., Ltd Your reliable partner for PV & ESS solutions since 2013.

With exports to 190+ countries, 10GW+ systems installed, and 10+ overseas branches, we deliver trusted solar energy storage products worldwide. Our 42,000 m² lithium battery factory (8GWh capacity) provides full ESS solutions for home and C&I users.

As a global leader in C&I energy storage solutions, we strive to create value through innovation, technology, and trusted service.

Be our customer & partner — Together we win!



AFRICAN

Installation Cases

Sierra Leone

Time of Installation:
Sep.2025

Capacity:
50KW/143KWh

Configuration:
96pcs 565W solar panels, 50KW hybrid inverter, 143KWh lithium battery.



Eretrea

Time of Installation:
Jan.2025

Capacity:
50KW/300KWh

Configuration:
93pcs 570W solar panels, 50kw hybrid inverter, 300kwh lithium battery.



South Africa

Time of Installation:

Oct.2025

Capacity:

500KW/800KWh

Configuration:

670pcs 560W solar panels, 500KW BMPS hybrid inverter, 200KWh battery.



South Africa

Time of Installation:

Mar.2025

Capacity:

500KW/108.4KWh

Configuration:

653pcs 560W solar panels, 100KW hybrid inverter, 108.4KWh battery.



Nigeria

Time of Installation:
Nov.2025

Capacity:
30KW/259KWh

Configuration:
84pcs 560W solar panels, 30KW hybrid inverter,
259KWh lithium battery.



Nigeria

Time of Installation:
Feb.2025

Capacity:
150KW/107.52KWh

Configuration:
230pcs 670W solar panels, 150KW of hybrid
inverter, 107.52KWh lithium battery.



Congo

Time of Installation:
Nov.2025

Capacity:
100KW/286.72KWh

Configuration:
192pcs 565w solar panels, 100KW hybrid inverter, 286.72KWh lithium battery.

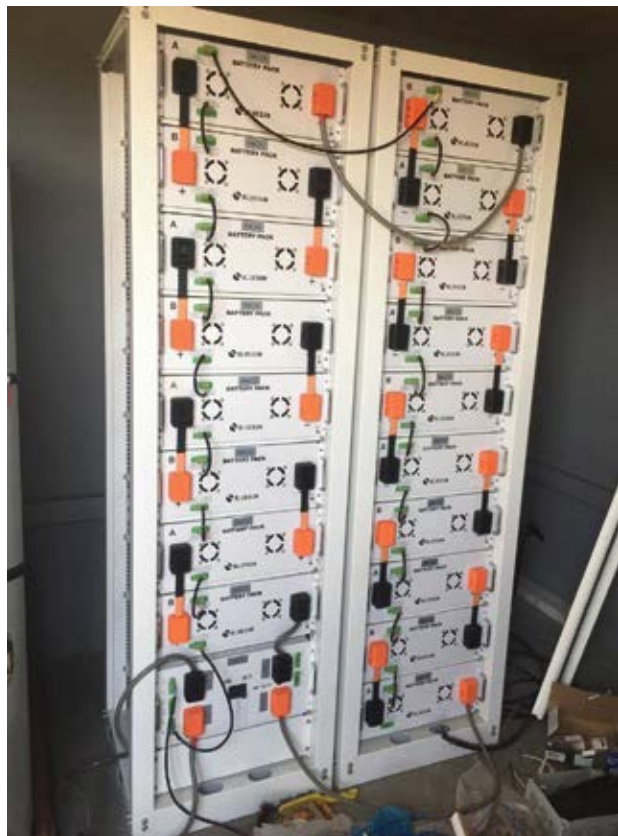


Mozambique

Time of Installation:
Nov.2025

Capacity:
50KW/90KWh

Configuration:
108pcs 455W solar panels, 50KW hybrid inverter, 90KWh lithium battery.



Mali

Time of Installation:

Jul.2025

Capacity:

72KW/32.4KWh

Configuration:

24pcs 610W solar panels,
6pcs 12KW hybrid inverters,
32.4KWh lithium battery.



Zambia

Time of
Installation:

Nov.2025

Capacity:

50KW/70KWh

Configuration:

90pcs 560W solar panels, 50KW
hybrid inverter, 70KWh lithium battery.

South Africa

Time of Installation:
Sep.2025

Capacity:
1MW/1.2MWh

Configuration:
1100pcs 560W solar panels, 2pcs 500KW Hybrid Inverters, 1.2MWh lithium battery.



South Africa

Time of Installation:
Aug.2025

Capacity:
1MW/1.58MWh

Configuration:
2100pcs 560W solar panels,
2*BMPS500, 1.58MWh lithium battery.



Madagascar

Time of Installation:

Sep.2025

Capacity:

300KW/400KWh

Configuration:

561pcs 560W solar panels, 300KW hybrid inverter, 400KWh lithium battery.



Madagascar

Time of Installation:

Aug.2025

Capacity:

300KW/400KWh

Configuration:

265pcs 560W solar panels, 3pcs 100KW Grid-tied inverters, 500KW PCS, 400KWh lithium battery.



Ghana

Time of Installation:

Aug.2025

Capacity:

30KW/100KWh

Configuration:

52pcs 570W solar panels, 30KW hybrid inverter, 100KWh lithium battery.



Ghana

Time of Installation:

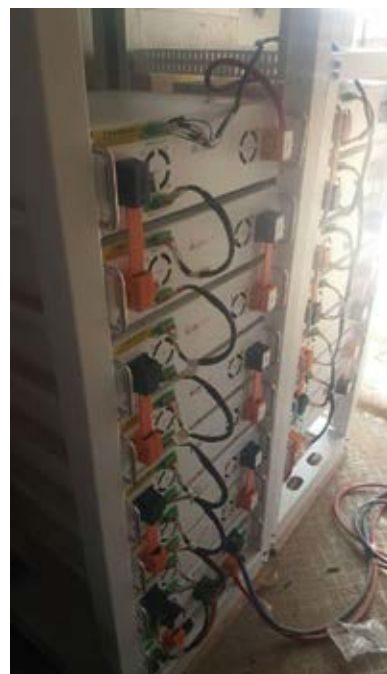
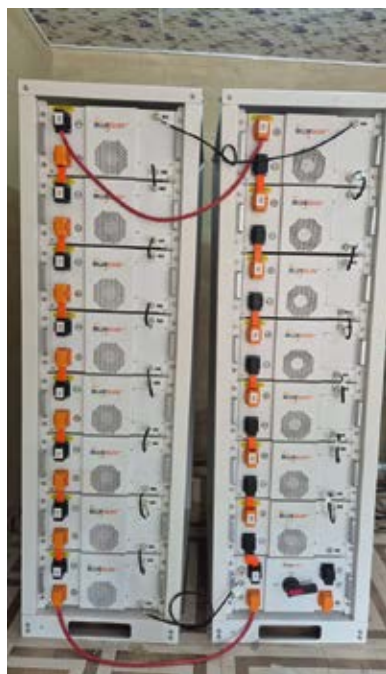
Nov.2025

Capacity:

100KW/215KWh

Configuration:

265pcs 560W solar panels, 3pcs 100KW Grid-tied inverters, 500KW PCS, 400kwh lithium battery.



Ghana

Time of Installation:

Aug.2025

Capacity:

450KW/460KWh

Configuration:

700pcs 610W solar panels,
450KW hybrid inverter, 460KWh
lithium battery.



Zambia

Time of Installation:

Oct.2025

Capacity:

50KW/75KWh

Configuration:

90pcs 570W solar panels, 50KW hybrid inverter,
75KWh lithium battery.





Zambia

Time of Installation:

Aug.2026

Capacity:

300KW/400KWh

Configuration:

2pcs 150kw Hybrid inverters,
400KWh battery.

Zambia

Time of Installation:

Jul.2026

Capacity:

30KW/54KWh

Configuration:

36pcs 610W solar panels,20KW hybrid inverter,
54KWh battery.



Côte d'Ivoire

Time of Installation:

Jul.2026

Capacity:

250KW/480KWh

Configuration:

403pcs 720W solar panels, 250KW BMPS inverter, 480KWh lithium battery.





ASIAN

Installation
Cases

Malaysia

Time of Installation:
Aug.2025

Capacity:
20KW/32KWh

Configuration:
36pcs 565W solar panels, 20KW hybrid inverter, 32KWh lithium battery.



Maldives

Time of Installation:
Apr.2025

Capacity:
1MW/748.9KWh

Configuration:
1829pcs 560W solar panels, 2pcs 500KW hybrid inverters, 748.9KWh lithium battery.



Maldives

Time of Installation:
Apr.2025

Capacity:
50KW/90KWh

Configuration:
90pcs 550W solar panels, 50KW hybrid inverter, 80KWh lithium battery.



Sultanate Oman

Time of Installation:
Aug.2025

Capacity:
60KW/576KWh

Configuration:
180pcs 700W solar panels, 2pcs 30KW hybrid inverters, 576kwh lithium battery.



Myanmar

Time of Installation:

Aug.2025

Capacity:

150KW/358KWh

Configuration:

198pcs 585W solar panels, 150KW hybrid inverter, 358KWh lithium battery.



Myanmar

Time of Installation:

Oct.2025

Capacity:

50KW

Configuration:

90pcs 550W solar panels, 10pcs 5.5KW off grid inverters.



Myanmar

Time of Installation:

Jun.2025

Capacity:

50KW/173KWh

Configuration:

102pcs 585W solar panels, 50KW hybrid inverter, 173kwh lithium battery.



Myanmar

Time of Installation:

Mar.2025

Capacity:

240KW/280KWh

Configuration:

384pcs 560W solar panels, 240KW hybrid inverter, 280KWh lithium battery.



Mongolia

Time of Installation:
Sep.2025

Capacity:
250KW/344KWh

Configuration:
330pcs 610W solar panels, 250KW hybrid
inverter, 344.064KWh lithium battery.



Mongolia

Time of Installation:
Jan.2025

Capacity:
500KW/602KWh

Configuration:
340pcs 600W solar panels,
500KW Hybrid inverter, 602KWh
lithium battery.



Indonesia

Time of Installation:
Jul.2025

Capacity:
30KW/100KWh

Configuration:
64pcs 565W solar panels, 30KW hybrid inverter,
100KWh lithium battery.



Indonesia

Time of Installation:
Aug.2025

Capacity:
380KW

Configuration:
648pcs 600W solar panels, 3pcs 100KW on grid
inverters.



Iraq

Time of Installation:
Mar.2025

Capacity:
100KW/100KWh

Configuration:
144pcs 700W solar panels, 100KW hybrid inverter, 100KWh lithium battery.



Thailand

Time of Installation:
Mar.2025

Capacity:
1MW

Configuration:
1444pcs 720W solar panels, 10pcs 100KW on grid inverters.



Lebanon

Time of Installation: Feb.2025 Capacity: 200KW/307.2KWh Configuration: 366pcs 550W solar panels, 50KW hybrid inverter and 150kw hybrid inverter, 307.2KWh lithium battery.



Lebanon

Time of Installation:
May.2025

Capacity:
50KW/100KWh

Configuration:
90pcs 560W solar panels, 50KW hybrid inverter, 100KWh lithium battery.



Cambodia

Time of Installation:

Aug.2025

Capacity:

50KW/57KWh

Configuration:

102pcs 585W solar panels, 50KW hybrid Inverter, 57KWh lithium battery.



Yemen

Time of Installation:

Oct.2025

Capacity:

50KW/200KWh

Configuration:

90pcs 570W solar panels, 5pcs 50KW hybrid inverters, 200KWh lithium battery.



Yemen

Time of Installation:
Jun.2026

Capacity:
1MW/1MWH

Configuration:
1MW 1MWH lithium battery industrial.



The Philippines

Time of Installation:
Aug.2026

Capacity:
100KW/385KWh

Configuration:
180pcs 650W solar panel, 2pcs 50kw hybrid inverters, 385KWh lithium battery.





EUROPEAN

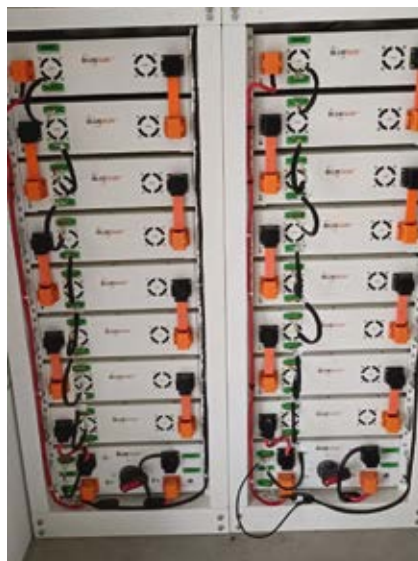
Installation
Cases

Switzerland

Time of Installation:
Mar.2025

Capacity:
30KW/100KWh

Configuration:
96pcs 415W solar panels, 30KW
hybrid inverter, 100KWh lithium battery.



Belgium

Time of Installation:
Sep.2025

Capacity:
50KW/48.84KWh

Configuration:
64pcs 700W solar panels, 50KW hybrid
inverter, 48.84KWh lithium battery.



Romania

Time of Installation:

Oct.2025

Capacity:

90KW/261KWh

Configuration:

216pcs 450W solar panes, 90KW on grid inverter, 261KWh liquid cooled cabinet.



Romania

Time of Installation:

Apr.2025

Capacity:

1MW

Configuration:

1900pcs 550W solar panels, 12pcs 80KW on grid inverters.



Romania

Time of Installation:
Jul.2025

Capacity:
500KW/502KWh

Configuration:
720pcs 700W solar panels, 500KW
hybrid inverter, 502KWh lithium battery.



Moldova

Time of Installation:
Nov.2025

Capacity:
332KW

Configuration:
589pcs 565W solar panels, 4pcs 100KW on
grid inverters.



Serbia

Time of Installation:

Sep.2025

Capacity:

8MW

Configuration:

14500pcs 560W solar panels, 85pcs 100KW on grid inverters.



Italy

Time of Installation:

May.2025

Capacity:

360KW

Configuration:

960pcs 455W solar panels, 3pcs 120KW on grid inverters.



Bosnia and Herzegovina

Time of Installation:
Oct.2025

Capacity:
2MW

Configuration:
4608pcs 580W solar panels, 21pcs 100KW
on grid inverters.



Germany

Time of Installation:
Jan.2025

Capacity:
30KW

Configuration:
60pcs 550w panels, 30KW hybrid inverter, 40.96KWh
lithium battery.



The United Kingdom

Time of Installation:
Oct.2025

Capacity:
50KW/54KWh

Configuration:
128pcs 425W solar panels, 50KW hybrid inverter, 54KWh lithium battery.



Sweden

Time of Installation:
Dec.2025

Capacity:
250KW/300KWh

Configuration:
503pcs 560W solar panels, 250KW PCS, 300KWh lithium battery.



The Netherlands

Time of Installation:

Oct.2025

Capacity:

100KW/516KWh

Configuration:

260pcs 560W solar panels, 100KW PCS, 516KWh lithium battery.



Czech

Time of Installation:

Oct.2025

Capacity:

100KW/215KWh

Configuration:

158pcs 585W solar panels, 100KW hybrid inverter, 215kwh lithium battery.



Bulgaria

Time of Installation:
Jun.2025

Capacity:
125KW/261KWh

Configuration:
240pcs 610W solar panels, 125KW on-grid inverter, 125KW-261KWh liquid cooled cabinet.



Bulgaria

Time of Installation:
Sep.2025

Capacity:
125KW/783KWh

Configuration:
720pcs 610W solar panels, 125KW on-grid inverter, 3pcs 125KW-261KWh liquid cooled cabinet.



Bulgaria

Time of Installation:

Apr.2025

Capacity:

1MW

Configuration:

2200pcs 450W solar panels, 10pcs 100KW on grid inverters.



Bulgaria

Time of Installation:

Apr.2026

Capacity:

1MW/2MWh

Configuration:

1000KW PCS, 2MWh container BESS.



Bulgaria

Time of Installation:

May.2026

Capacity:

250KW/522KWh

Configuration:

2pcs 125KW-261KWh liquid cooling storage system.



Bulgaria

Time of Installation:

May.2026

Capacity:

500KW/745KW

Configuration:

500KW PCS,745KWh lithium battery.



Bulgaria

Time of Installation:

Jun.2026

Capacity:

500KW/1MWh

Configuration:

4pcs 125KW-261KWh liquid cooling cabinets.



Bulgaria

Time of Installation:

Jun.2026

Capacity:

500KW/1MWh

Configuration:

4pcs 125KW-261KWh liquid cooling cabinets.



Hungary

Time of Installation:

Aug.2025

Capacity:

1MW/4MWH

Configuration:

1MW PCS, 11pcs 372KWh liquid cooled cabinet.



Kosovo

Time of Installation:

Feb.2026

Capacity:

2.58MW/2MWh

Configuration:

4680pcs 610W solar panel, 18pcs 125KW grid-tied inverters, 500kW PCS, 2MWh lithium battery.

Greece

Time of Installation:

Oct.2025

Capacity:

30KW/54KWh

Configuration:

50pcs 610W solar panels, 30KW hybrid inverter, 54KWh lithium battery.



Estonia

Time of Installation:

Apr.2026

Capacity:

500KW/2MWh

Configuration:

10pcs 50KW hybrid inverter, 2MWh lithium battery.



North Macedonia

Time of Installation:
Aug.2026

Capacity:
625KW/1.3MWh

Configuration:
5pcs 125KW-261KWh liquid cooling cabinets.



North Macedonia

Time of Installation:
Aug.2026

Capacity:
3MW/6MWh

Configuration:
14pcs 215KW-417.9KWh liquid cooling cabinets.



Austria

Time of Installation:

Jun.2026

Capacity:

50KW/112KWh

Configuration:

50KW hybrid inverter,112KWh indoor cabinet.





SOUTH AMERICAN

Installation
Cases

Ecuador

Time of Installation:
Sep.2025

Capacity:
800KW

Configuration:
1440pcs 570W solar panels, 8pcs 100KW
on grid inverters.



Ecuador

Time of Installation:
Oct.2025

Capacity:
40KW/60KWh

Configuration:
70pcs 565w solar panels,
4pcs 10KW hybrid inverters,
60KWh lithium battery.



Sint Eustatius

Time of Installation:
Dec.2025

Capacity:
500KW/1.29MW

Configuration:
1140pcs 570W solar panels, 500KW solar inverter,
1290KWh lithium battery.



Chile

Time of Installation:
Jun.2025

Capacity:
30KW/100KWh

Configuration:
40pcs 700W solar panels, 30KW hybrid
inverter, 100KWh lithium battery.



Ecuador

Time of Installation:
Feb.2026

Capacity:
150KW/286KWh

Configuration:
316pcs 610W solar panel,150KW hybrid inverter,
286KWh battery.



Argentina

Time of Installation:
Jul.2026

Capacity:
125KW/240KWh

Configuration:
180pcs 730W solar panel,
125KW hybrid inverter,
240KWh battery.



Argentina

Time of Installation:
Aug.2026

Capacity:
125kw Ongrid System

Configuration:
216pcs 610W solar panel,
250KW inverter.





NORTH AMERICAN

Installation
Cases



Saint Martin

Time of Installation:
Dec.2025

Capacity:
100KW/229KWh

Configuration:
187pcs solar panels, 100KW hybrid inverter,
229KWh lithium battery.

Panama

Time of Installation:
Jun.2025

Capacity:
100KW/143.36KWh

Configuration:
153pcs 565W solar panels, 100KW hybrid inverter,
143.36KWh lithium battery.



America

Time of Installation:
May.2025

Capacity:
50KW/230KWh

Configuration:
120pcs 450W solar panels, 50KW hybrid inverter,
230KWh lithium battery.



Cuba

Time of Installation:
Oct.2025

Capacity:
60KW/143KWh

Configuration:
108pcs 610W solar panels,
6pcs 10KW hybrid inverters,
143KWh lithium battery.



Guatemala

Time of Installation:

Apr.2025

Capacity:

700KW

Configuration:

1512pcs 550W solar panels, 7pcs 100KW on grid inverters.





OCEANIA

Installation
Cases

Vanuatu

Time of Installation:

Mar.2026

Capacity:

50KW/100KWh

Configuration:

112pcs 460W solar panel,50KW hybrid inverter,100KWh battery.





Bluesun Solar Co., Ltd.

Innovations Tower, No.679 West WangJiang
Road, Hi-tech Zone Hefei 230031 China

Tel:
+86 (158) 5821 3997

E-mail:
info@bluesunpv.com

Fax:
+86 (551) 6565 2651

Http:
www.bluesunpv.com

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