

## Technical specifications

### Scalable solarblock

Standard Block	5 containers; 40' high cube of 214 kW each
Tracker	Redeployable single-axis tracker with back-tracking
Module type	72 cell mono-perc, bifacial, glass-glass, 535-540 Wp
Land requirement	From 1.3 ha/MWp (with 5m row spacing)
DC capacity	From 1'070 kWp (module dependent)
AC capacity	1'000 kV A
LV output	Single output AC combiner, 380-480 V
MV output	As required, to site voltage level. Compact miniature substation
Scalability	By multiples of standard block

### Energy management system

Compatibility	Grid/off-grid
Applications	Solar, energy storage, thermal (diesel, HFO)
Control	Ensuring stability of power supply and optimised solar dispatch

### Energy storage

System	Standalone battery and inverter cabinets including Battery Management System
Technology	Lithium-ion. Pre-assembled, skid mounted or containerised
Charge/discharge Power	Scalable from 100 kW to several MW
Capacity	Scalable from 400 kWh to several MWh
Discharge duration	From 2C (0.5 hour) to 0.25C (4 hours)
Lifetime	10-15 years to 70% residual capacity

**release**  
BY SCATEC

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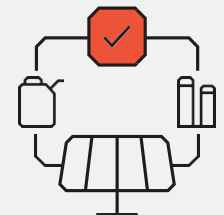
Scatec introduces **Release**, a flexible leasing agreement of pre-assembled solar PV and battery equipment, securely integrated with power infrastructure.



Reduced energy costs



Flexible contract duration  
Limited upfront investment



Reduced fuel dependency

For more information visit: [www.releasesolar.com](http://www.releasesolar.com)

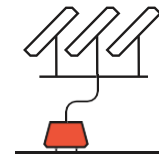


We deliver reliable, clean and low-cost containerised solar power through flexible leasing agreements



### Guaranteed performance and availability

Release guarantees equipment performance and availability to ensure predictable power production.



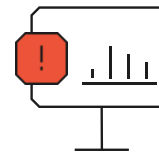
### Quick deployment and installation

Standardised, pre-assembled & containerised equipment reduces design requirements and installation time.



### Solar trackers and bifacial modules for high efficiency

Our solar systems produce 30% more power than traditional fixed systems at the same installed capacity.



### 24/7 technical support and monitoring

We provide remote 24/7 monitoring, analysis, and maintenance from our Control and Monitoring Centre in Cape Town.



Scatec develops, builds and operates renewable power plants and integrated technologies. In 2021, the company will have a total of 1.9 GW in operation on four continents. Scatec is the largest solar developer in Africa and has almost 900 MW in operation on the continent.

[www.scatec.com](http://www.scatec.com)