

Making solar simple



The next generation renewable power

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





Reduced energy costs

Flexible contract duration Limited upfront investment

www.releasesolar.com

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Reduced fuel dependency







Scale up PV and/or storage to match needs



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Remote 24/7 monitoring and maintenance support

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Plug-and-play solar and storage

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O&M training





Equipment delivery, installation and interconnection



Initial contact





Preliminary engineering and initial proposal





Site visit and power plant sizing





Site preparation





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.



high efficiency



in Cape Town.

Solar trackers and bifacial modules for

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



Technical specifications



Redeployable solar tracker u	
Туре	Indepen
Range	60 degre
Drive system	Linear ac
Control	Wireless
Configuration	2 portrai [.]
Unit weight	< 2,500 k
Anchoring	Ground

Solar container	
Container	40' High (
Trackers	10 tracke
Modules	400, pre-
Module type	72 cell m
Inverters	2 String i

Scalable solar block	
Standard block	5 contair
Land requirement	From 1.5
DC capacity	From 760
AC capacity	660 kVA
LV output	Single ou
MV output	As requir
Scalabilty	By multip

unit

ndent row horisontal single axis with backtracking

ees (East-West)

ctuator

communication, automatic stowing at high wind speeds

t

kg

anchors suitable for most ground conditions

Cube

er units, from 152 kW

-mounted

nono-perc, bifacial, glass-glass, 380-400 Wp

inverters

ners

5 ha/MWp (with 10m row spacing)

60 kWp (module dependent)

utput AC combiner, 380-480 V

ired, to site voltage level. Compact miniature substation

ples of standard block



Technical specifications

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





Scatec Solar develops, builds, owns and operates solar power plants and has a total of 1.9 GW in operation and under construction on four continents. Scatec Solar is the largest solar developer in Africa and has almost 600 MW in operation and another 300 MW under construction on the continent.

www.scatecsolar.com