

OPTIMIZED  
ENERGY.  
EVERYWHERE

Helios X1-T

solar**edge**

# Vertically Integrated

From Cell to Complete Solution



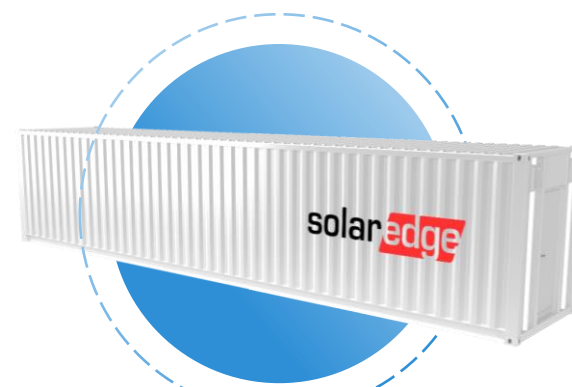
Battery cell



Module / Rack / System

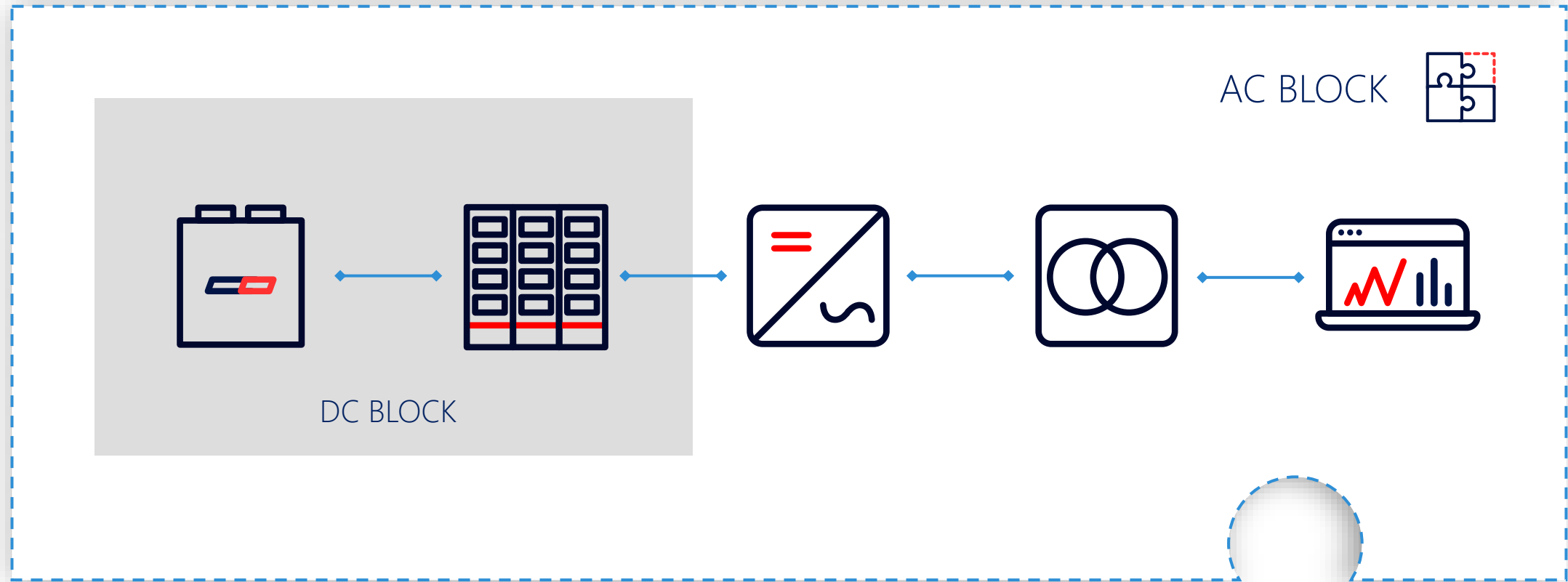


BMS



Solution

# Fitting the puzzle pieces together





# Helios X1-T

One Solution for All Applications



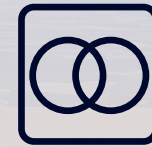
Cells



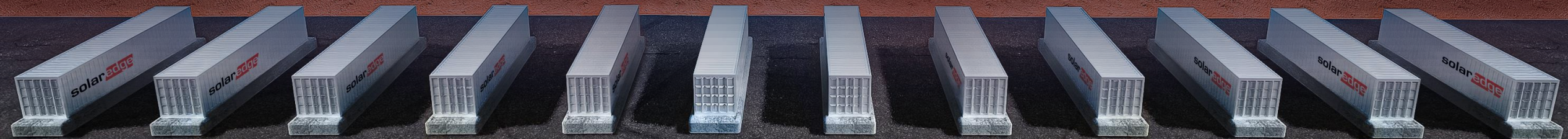
Racks



PCS



Transformer





# Helios X1-T

One Solution for All Applications

High Power Capabilities

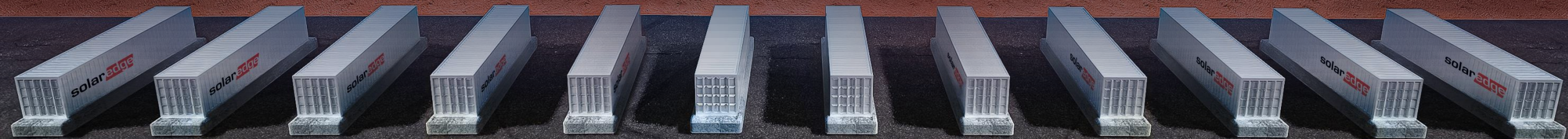
Plug-n-Play Solution

Field Proven Technology

Integrated Cooling & PCS

High Cycle Life with High C-rates

Built-in Power Management System





# Value Stacking

One Solution for All Applications

Helios X1-T

## FTM Applications



Power Management

Ramp-Rate Control

Spinning Reserve

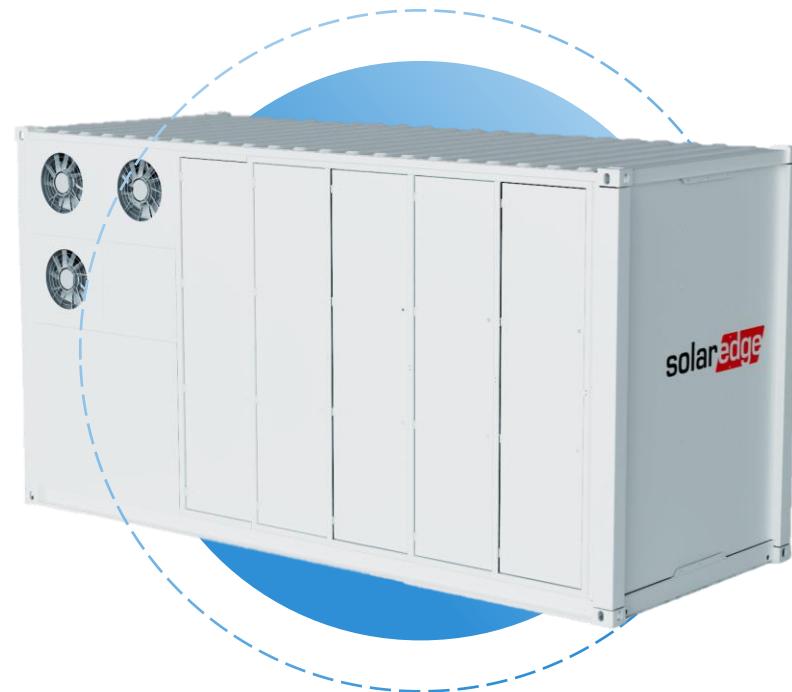
T&D Deferral



Frequency Regulation

Frequency Containment Reserve

Fast Frequency Response



## BTM Applications



Grid Forming

Backup

Islanded Grids

Blackstart

Microgrids



Load Response

Time Of Use

Power Quality

Demand Management

# Total Solution Provider

One Provider to Support Your Project



Engineering



Scada/EMS  
integration



Commissioning  
Support



Project  
Management



O&M



END to END Solution throughout product lifecycle



Equipment  
Supply



Permitting  
Support



Long Term  
Service



Extended  
Warranties

# Global Portfolio

## Major Installations

### USA



Missouri, U.S.  
1MW / 1MWh ESS



Texas, U.S.  
23MW / 4MWh UPS



Texas, U.S.  
15W / 2.4MWh ESS

### Australia



Australia  
42MW / 13MWh ESS



Australia  
45MW / 12MWh ESS



Australia  
30MW / 11MWh UPS



Australia  
MW / 472kWh UPS

### Europe & RoW



Taiwan  
20MW / 20MWh ESS



South Korea  
36MW / 13MWh ESS



Tahiti  
15MW / 10MWh ESS



Sweden  
40MW / 400MWh ESS



France  
400 units of 1MW / 1MWh ESS



France  
54 units of 2.5MW / 2.5MWh ESS

>100+  
Projects worldwide

1,000+  
Total MW

10+  
Countries

Experienced  
Team

Field  
Proven



# Play quiz & Win Prizes



What is one of the key things to look for when designing and buying an energy storage system?

<https://energystorage.solaredge.com/intersolar-2024>

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Thank  
You

**solar**edge