



FoxESS
H3 PLUS
P3 PLUS



H3 PLUS

H3-50-Plus / H3-60-Plus / H3-75-Plus
H3-80-Plus / H3-100-Plus / H3-125-Plus



DC-Link
EV Charger
Ready

PV Side

Nominal MPPT Range: 180-950V;
MPPT No./String per MPPT: 4/2 & 8/2;
Supports 40A MPPT current input With 55A
Isc;

Battery Side

Up to 80A Charging/Discharging Current;
Black start function;
3 independent battery strings input;

Application

Maximum 10 system parallel;
Unbalance loads up to 100%;
155kVA @10s Peak Current for EPS;
Maximum efficiency 98.2%

H3 PLUS



IP 65

Suitable for indoor and outdoor installation for maximum flexibility

Diesel Generators

Offering the stable power supply in off-grid or backup systems

Compact Size & Lightweight Design

Optimizing space and reducing weight for easy installation and efficient transportation without compromising performance

LRA Current 300A

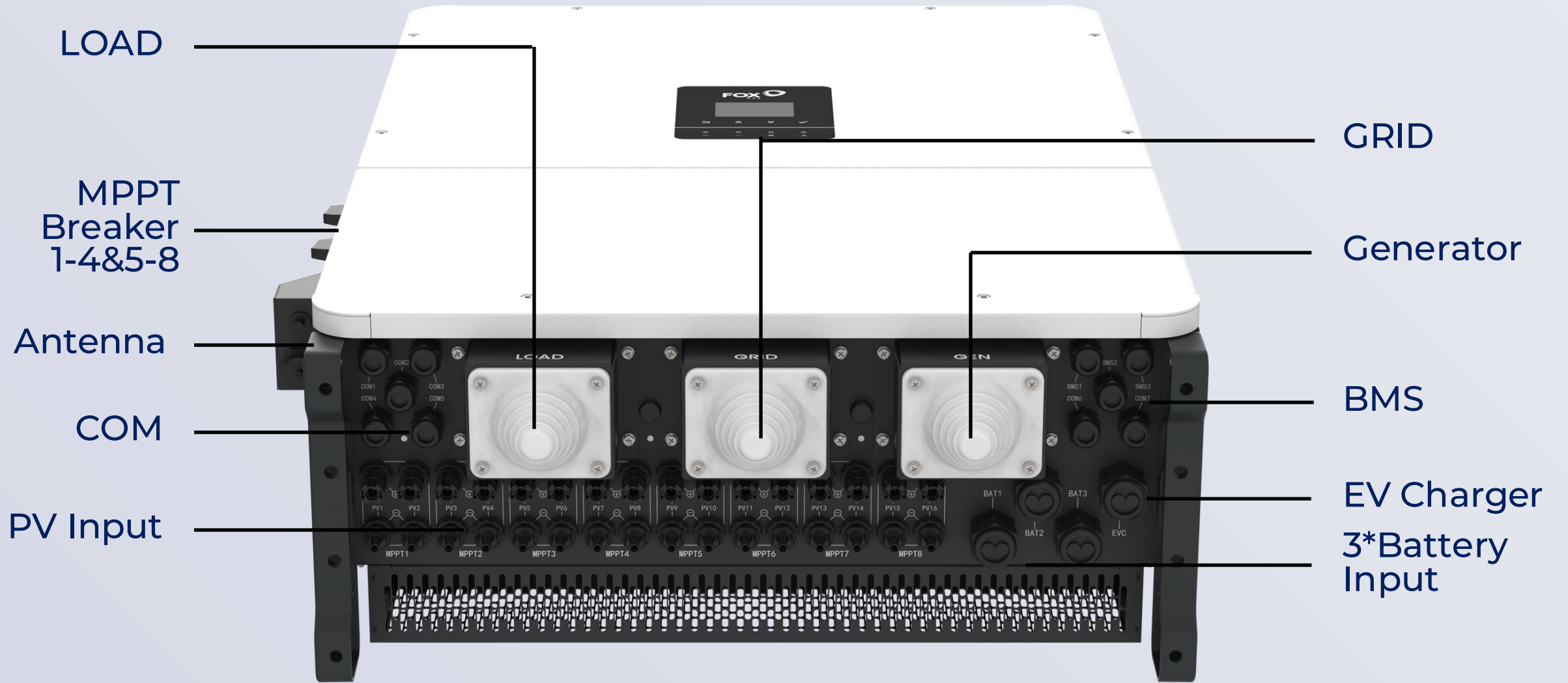
Supporting more demanding industrial and commercial applications, including HVAC systems, pumps, and compressors

10ms Switch Time

Minimizing downtime and ensuring continuous power supply without noticeable interruptions



APPEARANCE: Bottom



LOAD

MPPT
Breaker
1-4&5-8

Antenna

COM

PV Input

GRID

Generator

BMS

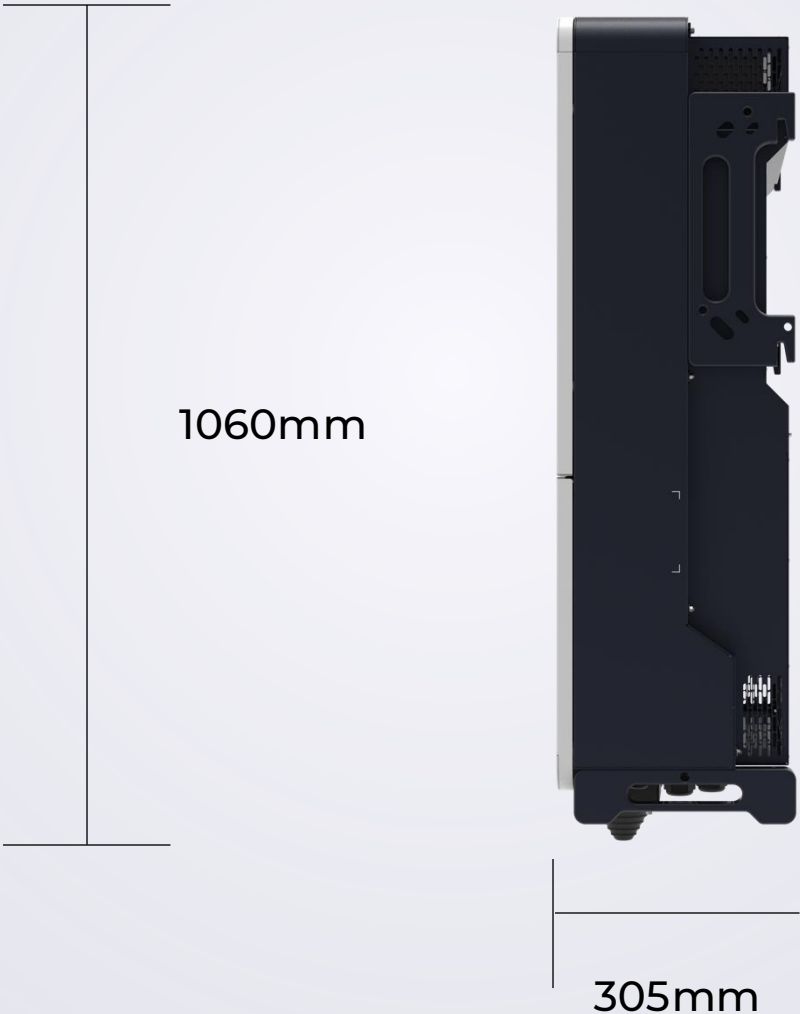
EV Charger

3*Battery
Input

Dimension & Configuration



Net: 115/120kG



WLAN

LAN

4G

METER

High Voltage System With CQ 16 Battery

16kWh per unit

15 Units in series



HV Box

CQ 16 Battery

Smart air-cooling control with Energy Storage System

Lithium-Ion Phosphate:
High efficiency & High stability

93%

MAX
Round Trip
Efficiency

6000

Cycles
REPT Support

$\leq 4^{\circ}\text{C}$

Difference
Between
Battery Cells

IP 20

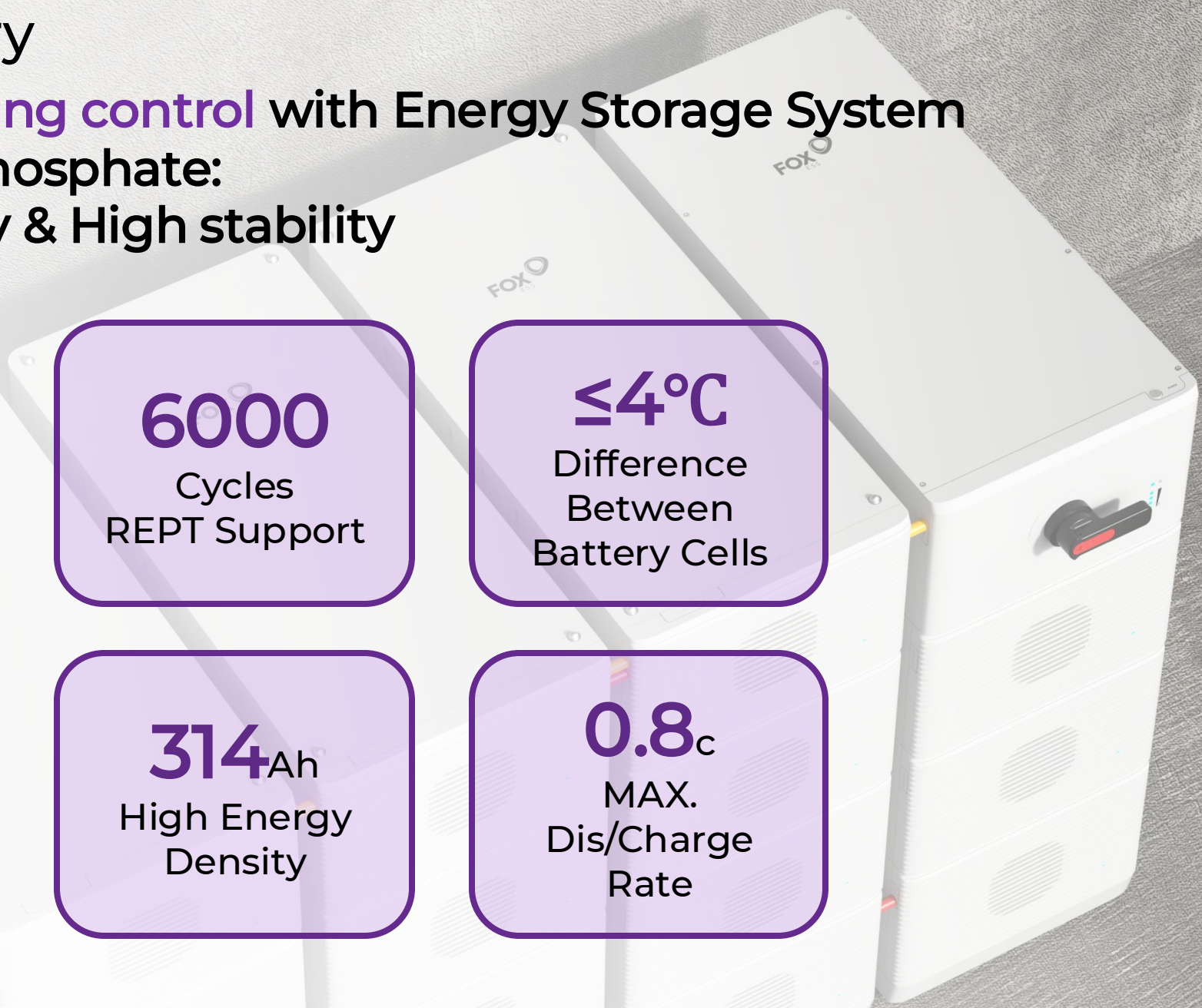
Protection
Level

314Ah

High Energy
Density

0.8c

MAX.
Dis/Charge
Rate



Detailed Information

CQ 16



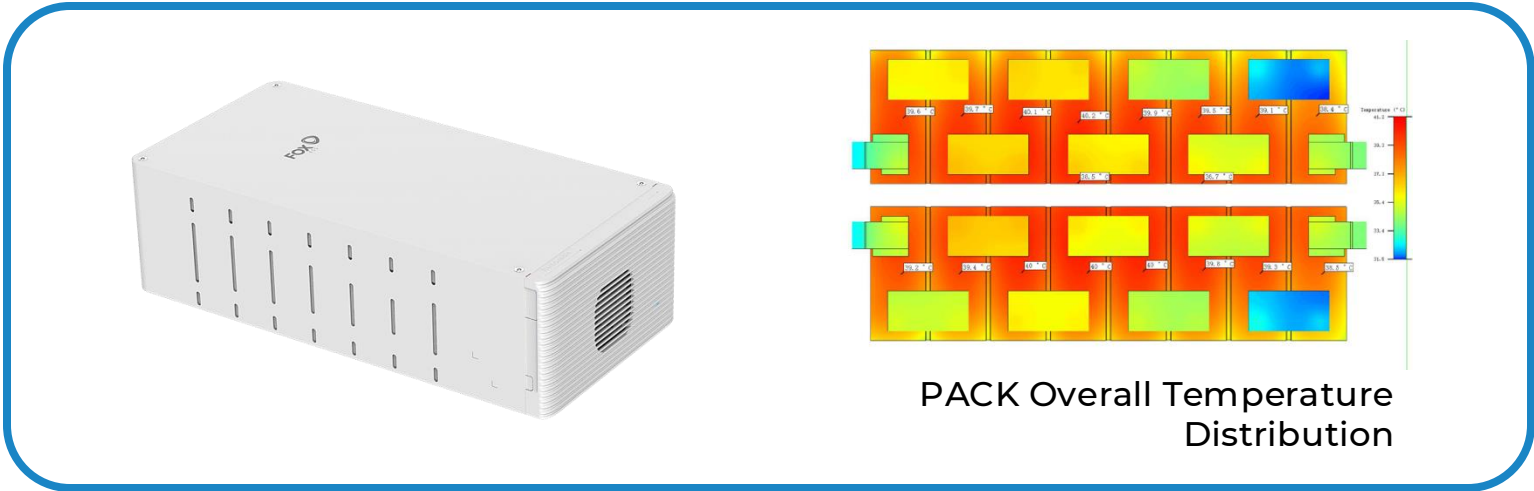
Removable

Cable outlet

DC breaker



Battery Temperature Control



MODEL	CQ16
BATTERY MODULE DATA	
Battery Type[V/Ah]	LFP 3.2/314
Battery Pack Capacity[kWh]	16.07
Rated Voltage[V]	51.2
Number of Temperature Sensor	8
Cycle Life	5700(70% SOH)@25°C,90%DOD,0.76C charging/0.76C discharging; 6150(70% SOH)@25°C,90%DOD,0.5C charging/0.5C discharging;
Cooling type	Smart Fan

- Triple insulation design enhances system safety;
- Dual redundant fuses, dual relays and DC breaker;
- Batteries are configured with smart fan

Fire Protection-CQ 16

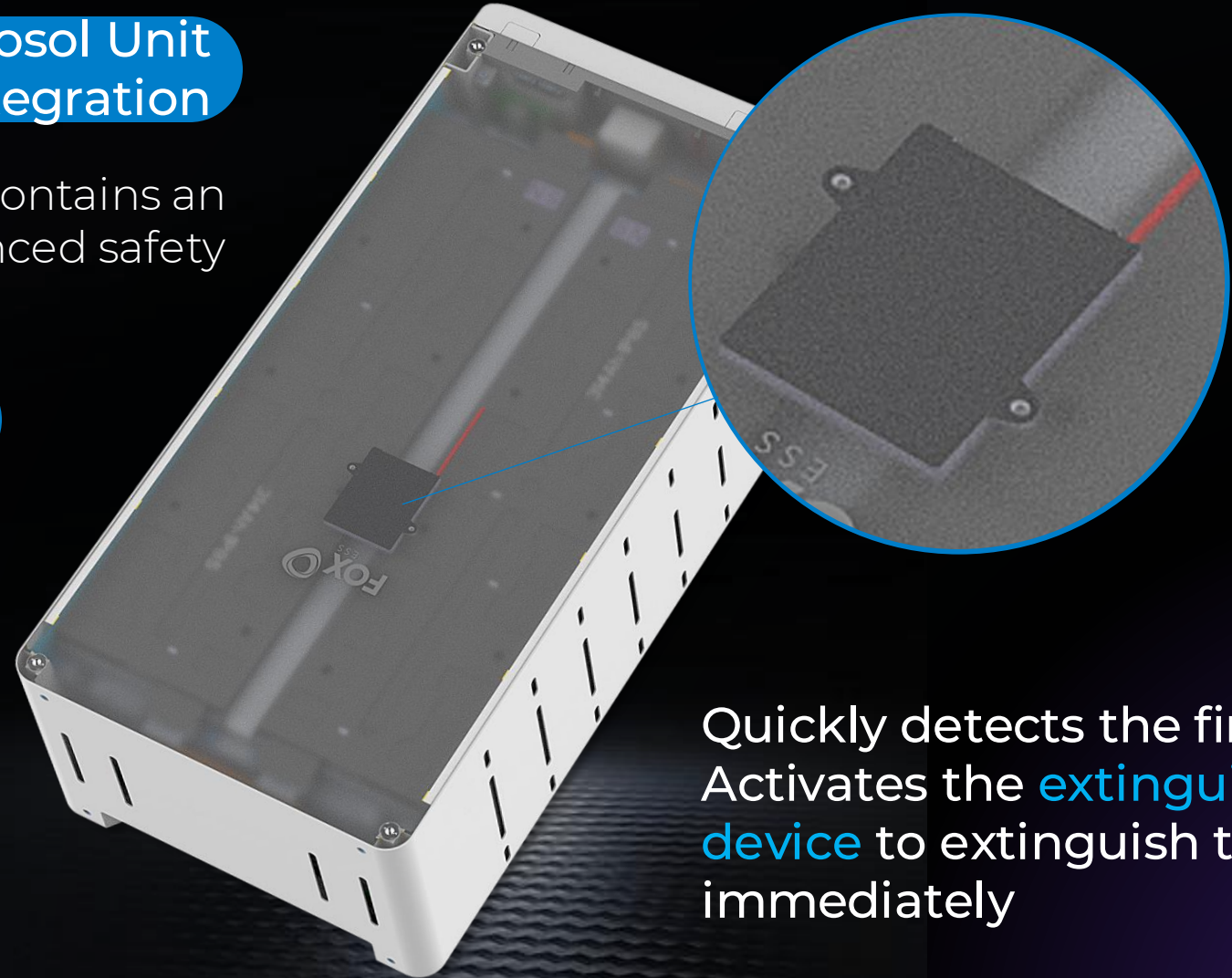


Aerosol Unit Integration

Each battery pack contains an aerosol unit for enhanced safety

Fire Protection Mechanism

When thermal runaway occurs and a fire breaks out in the battery cell, the PACK-Level Protection system:



Quickly detects the fire
Activates the **extinguishing device** to extinguish the fire immediately

Temperature Control Smart Energy
Storage System Lithium-Ion
Phosphate:
High efficiency & High stability



CQ 6



95%
MAX Round Trip
Efficiency



104 Ah
High Energy
Density



IP 65
Protection
Level



1C
MAX.
Dis/Charge
Rate



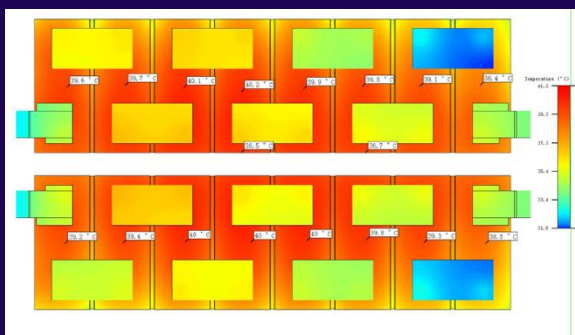
6000
Cycles
REPT Support

Battery Temperature Control

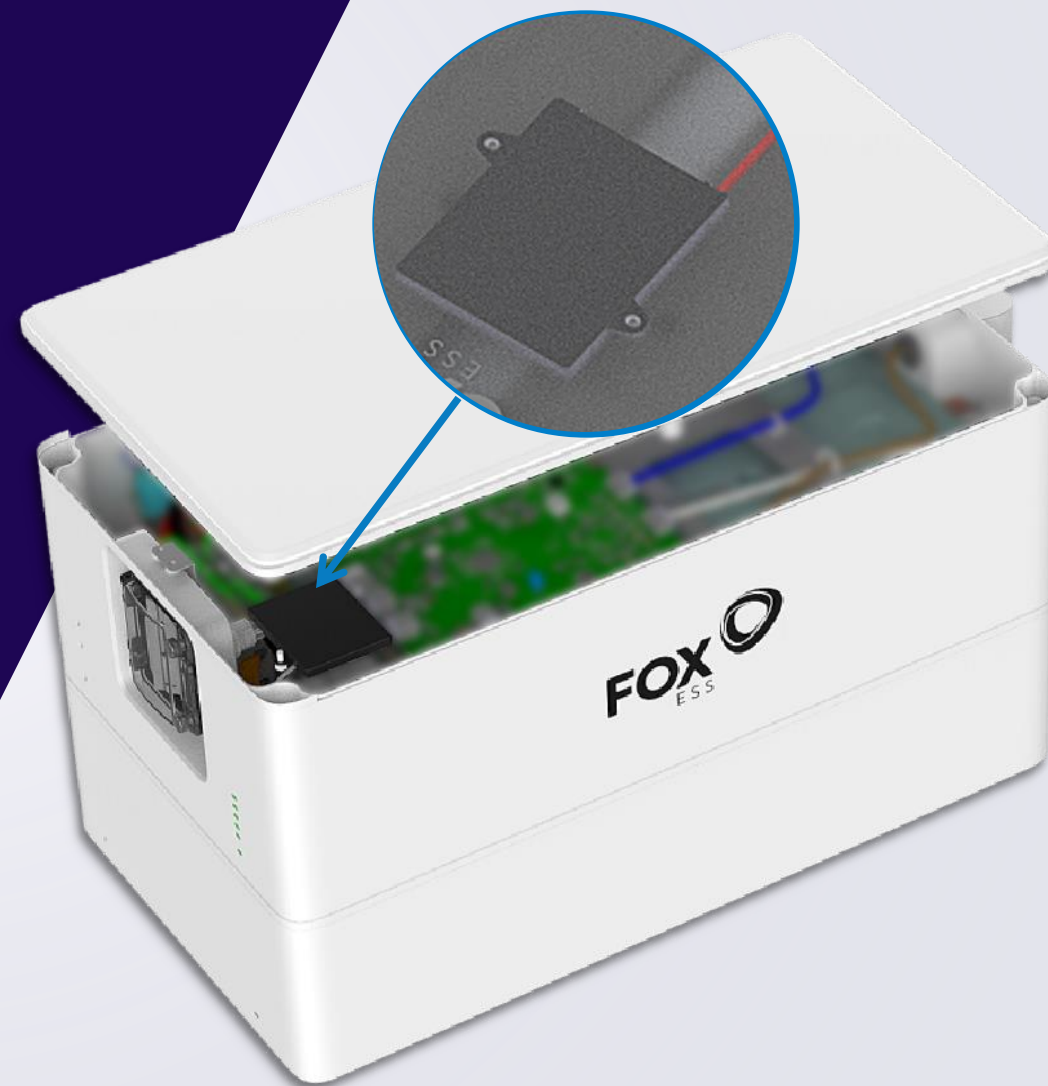
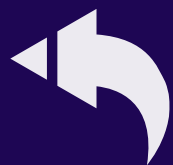
Triple insulation design enhances system safety:

1. Multi-channel temperature detection combined with smart algorithms;

2. The chassis structure is designed **with advanced thermal management**, providing excellent heat dissipation capabilities



PACK Overall Temperature Distribution





Intelligent Control

Peak-valley management, anti-backflow,
overload protection, Load tracking,
backup power

less than 10 min(Battery)

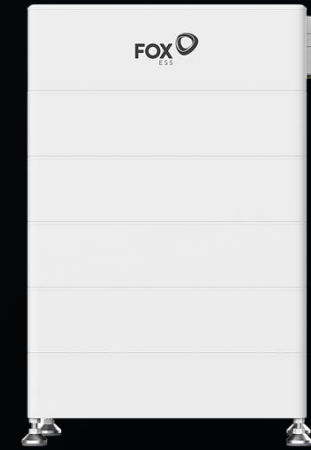


Quick plug-and-play installation

CQ 16 Battery

314Ah 51.2V
IP 20 for indoor
241.15kWh per string
Mounting with wired

VS



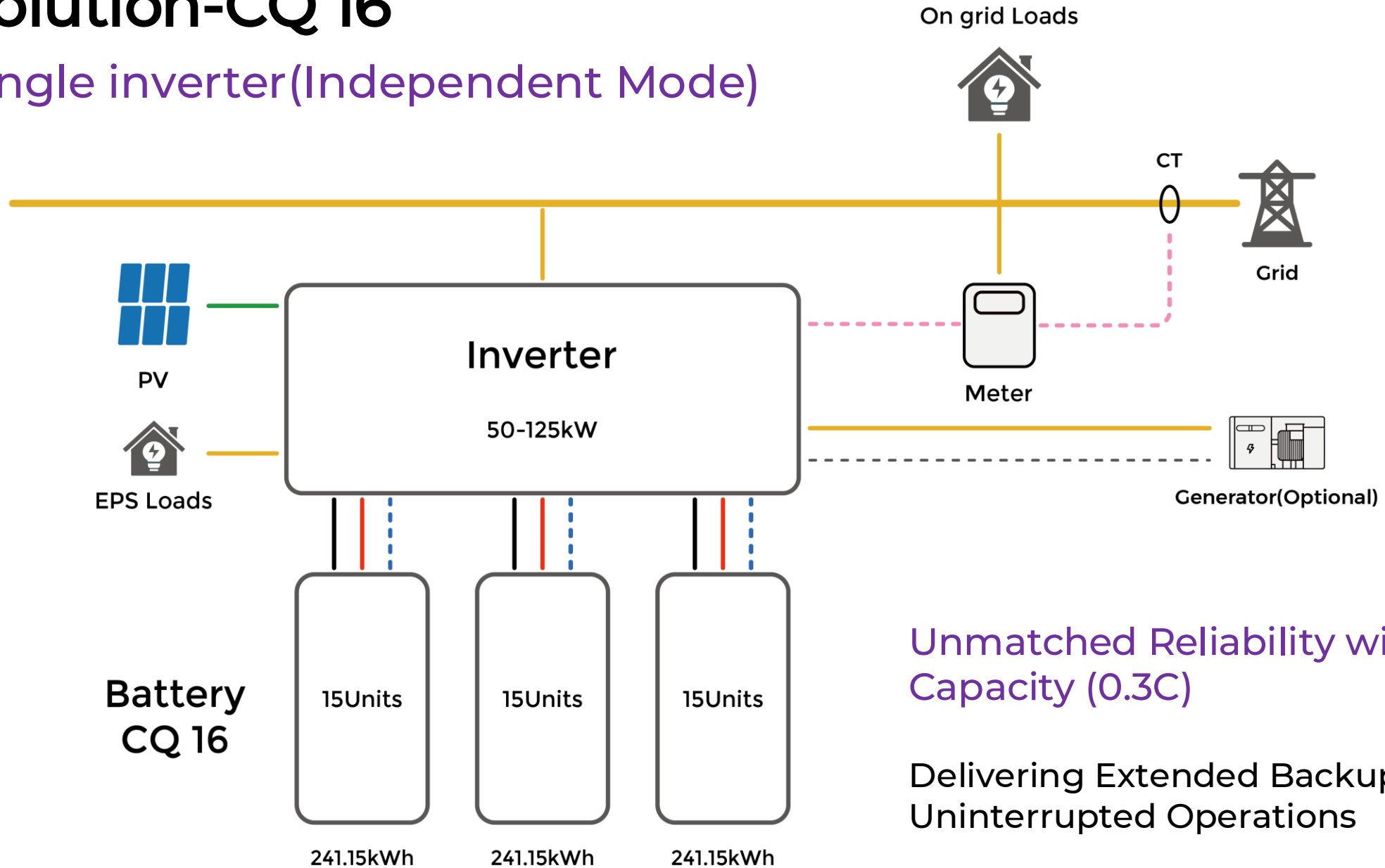
CQ 6 Battery

104Ah 57.6V
IP 65 for outdoor
83.86kWh per string
Stackable with plug&play



Solution-CQ 16

Single inverter(Independent Mode)

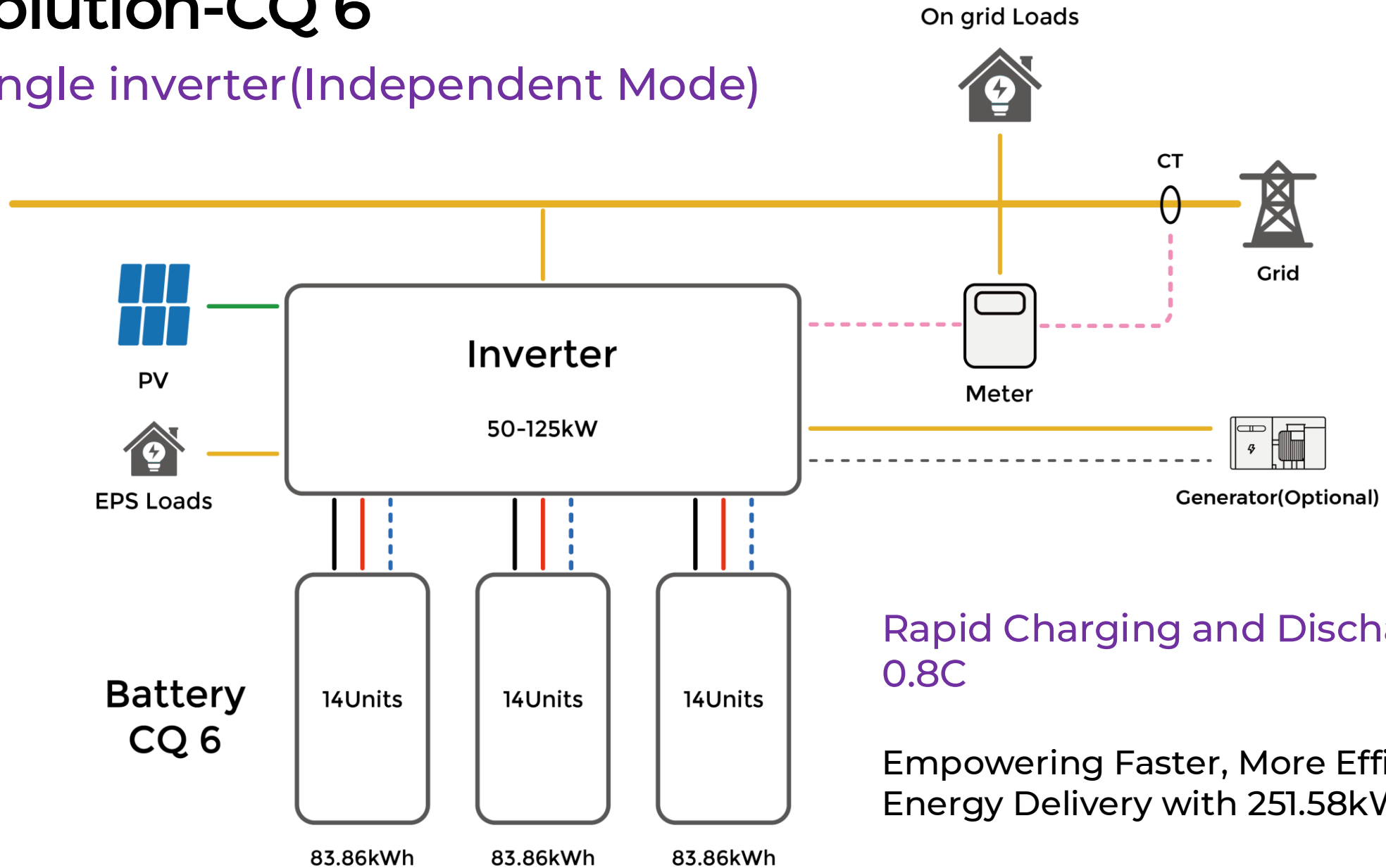


Unmatched Reliability with 720kWh Capacity (0.3C)

Delivering Extended Backup Power for Uninterrupted Operations

Solution-CQ 6

Single inverter(Independent Mode)

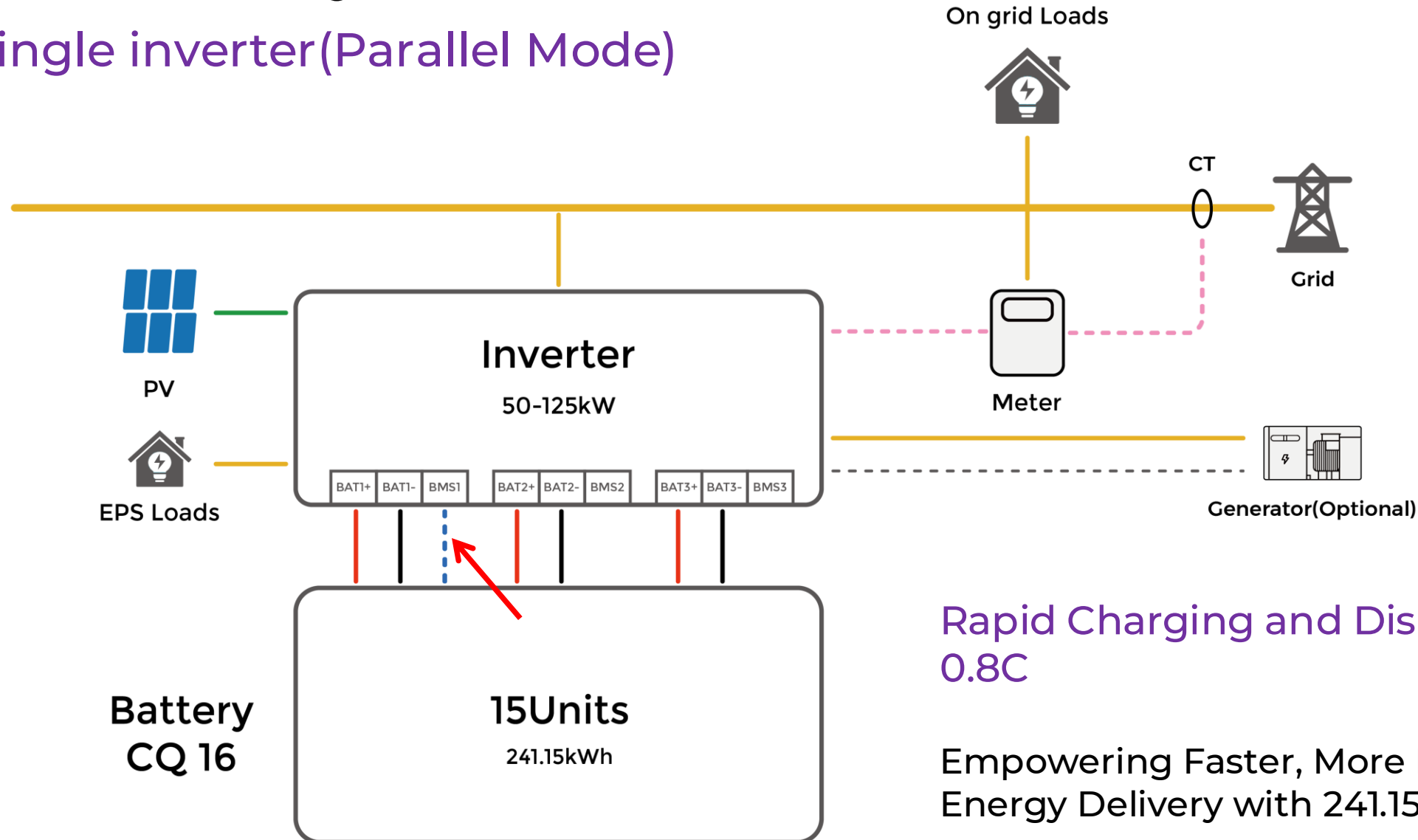


Rapid Charging and Discharging at 0.8C

Empowering Faster, More Efficient Energy Delivery with 251.58kWh Capacity

Solution-CQ 16

Single inverter(Parallel Mode)

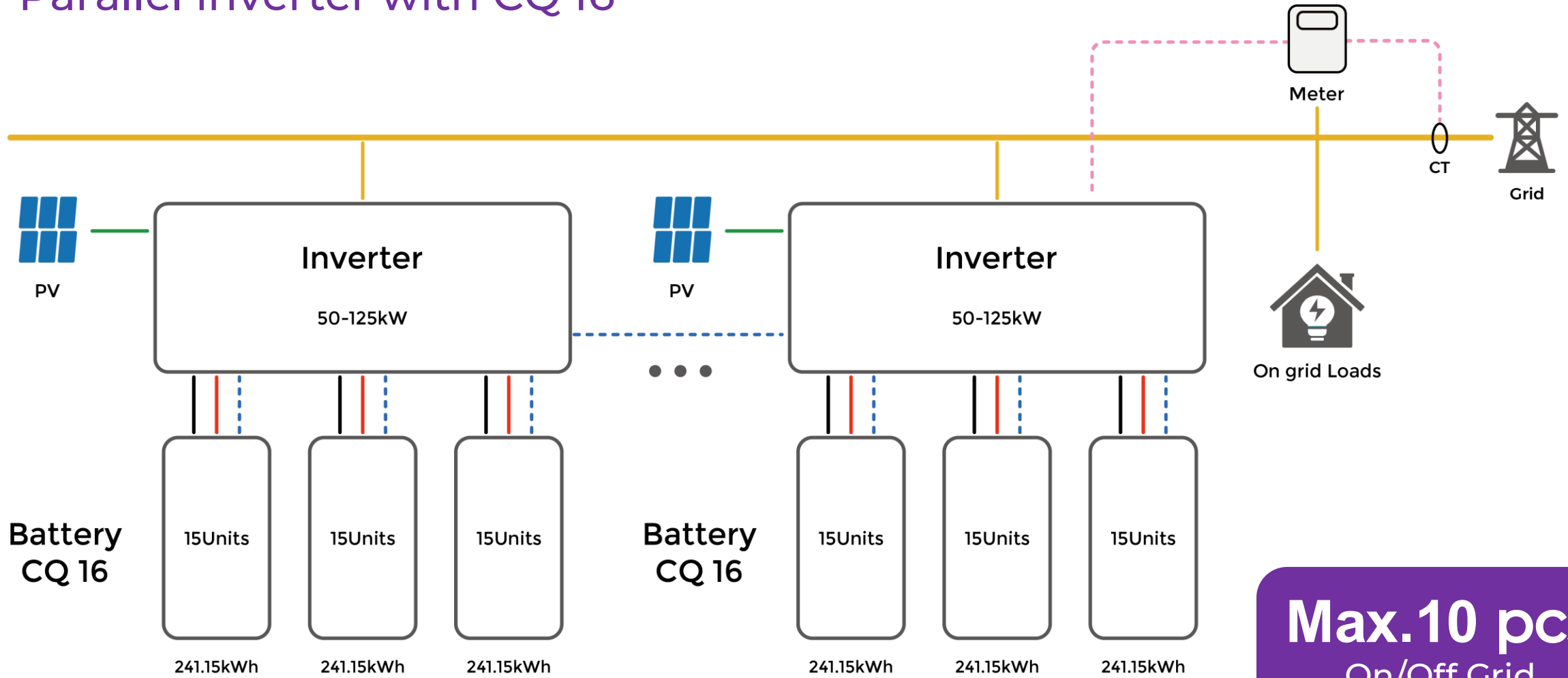


Rapid Charging and Discharging at 0.8C

Empowering Faster, More Efficient Energy Delivery with 241.15kWh Capacity

Solution

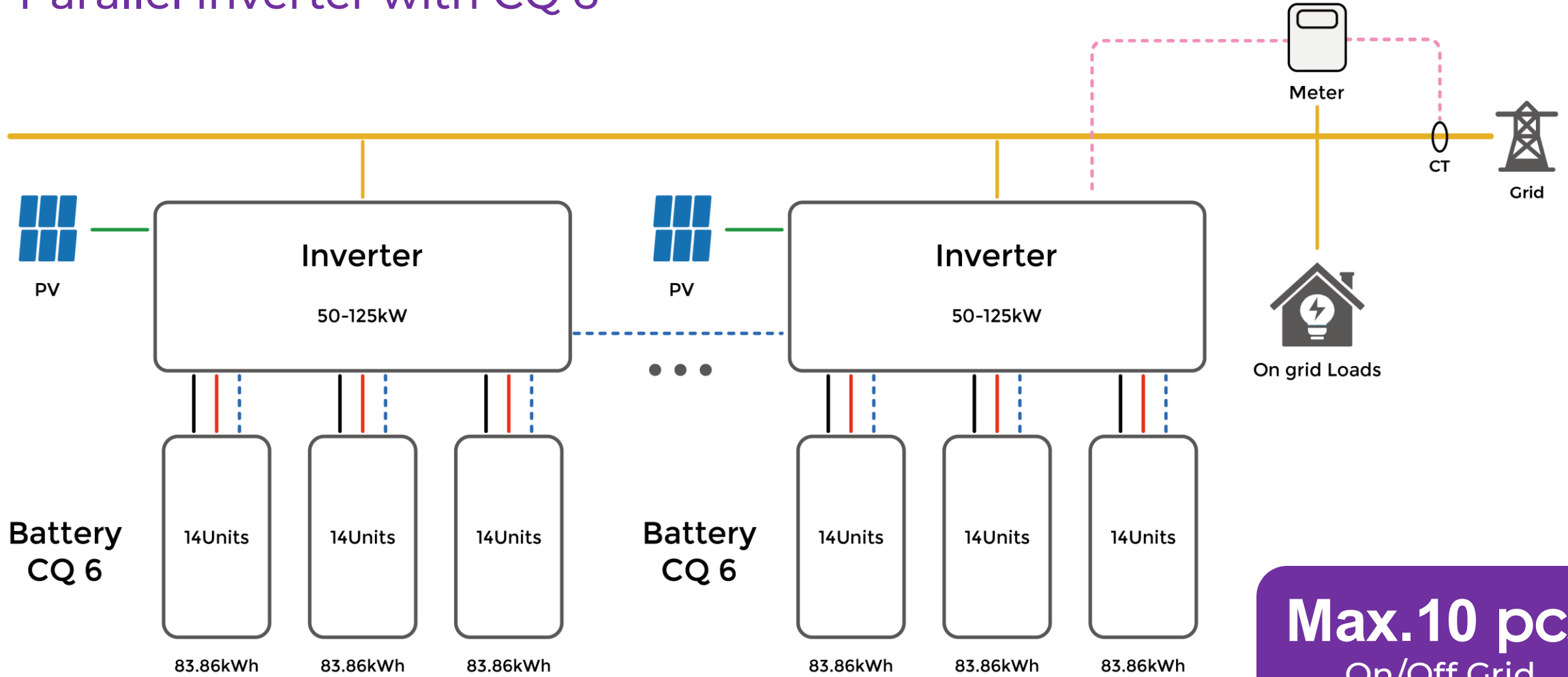
Parallel inverter with CQ 16



Max. 10 pcs
On/Off Grid
Parallel

Solution

Parallel inverter with CQ 6



Battery
CQ 6

14Units
83.86kWh

14Units
83.86kWh

14Units
83.86kWh

Battery
CQ 6

14Units
83.86kWh

14Units
83.86kWh

14Units
83.86kWh

Max. 10 pcs
On/Off Grid
Parallel



MONITOR IN REAL TIME WITH FOX CLOUD 2.0 APP

Complete control of residential or industrial system at your fingertips.

