AVOCADO

Powered by FOXESS

AIO Storage P50/P100 Series

5-10kW & 5kWh(10kWh)

AVOCADO
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P50 / P100 Series

Next-Generation Integrated Solution for Energy Storage

MODEL
5-10kW

Built-in

- Single Phase Inverter
- Max. 3 Independent MPPTs
- Lithium ion Battery
- Dual EPS Function

IP 66

6000 Cycles

Inverter: 10kW....30kW
Battery: 10kWh....30kWh

Advantages

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PARALLEL INSTALLATION

Support parallel for on/off grid (Max.10 units for on-grid system / Max.3 units for off-grid system)

MAX. Triple MPPT

Independently track power from different solar arrays, improving energy capture in various lighting conditions and preventing shading losses

80V START-UP VOLTAGE

Inverters have a low start-up voltage for wider generation windows

20A CURRENT PV INPUT

Support high current input that is suitable to a wide range of PV module in market

Advantages

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95% DOD

This allows for more usable energy from each cycle, improving overall efficiency and extending the battery's operational life

12000@60s/15000@30s/20000@10s

This overload capability ensures that the system can support short-term power spikes, providing reliable backup during critical moments

4ms Switch Time

Minimizing downtime and ensuring continuous power supply without noticeable interruptions

Double PV Input

20kW more PV input(STC)

Components

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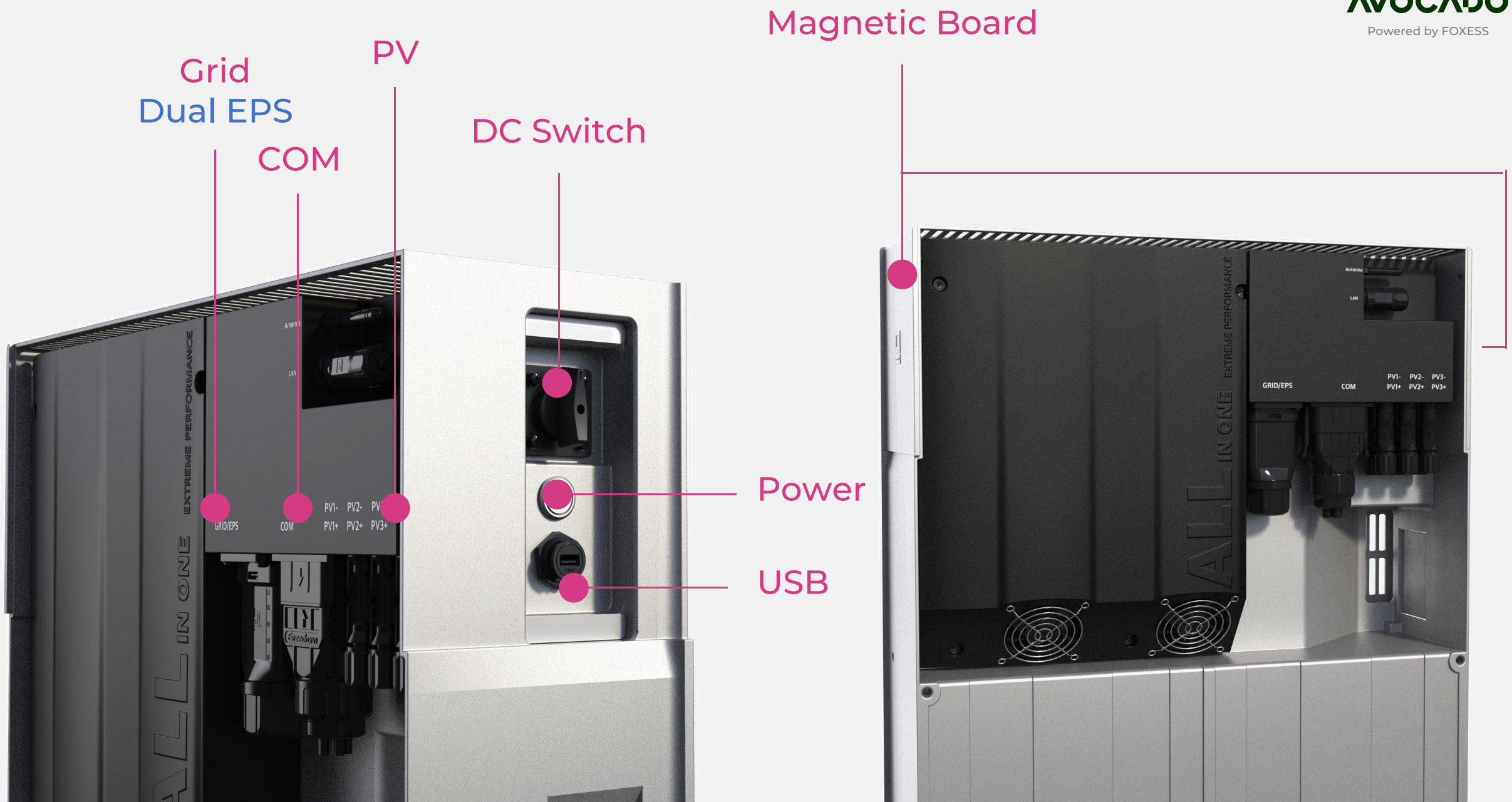

AIO Design, High Integrated

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01 Plug and play
Easy installation

02 Aluminum die casting integrated molding process

03 Battery with non-modular design, high energy density

04 Electronic and battery partition design, high integration

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Unfazed by power outages at -20°C

Wide temperature range of -20°C to 55°C ensures reliable performance in diverse environmental conditions

More Compact & High Energy Density !

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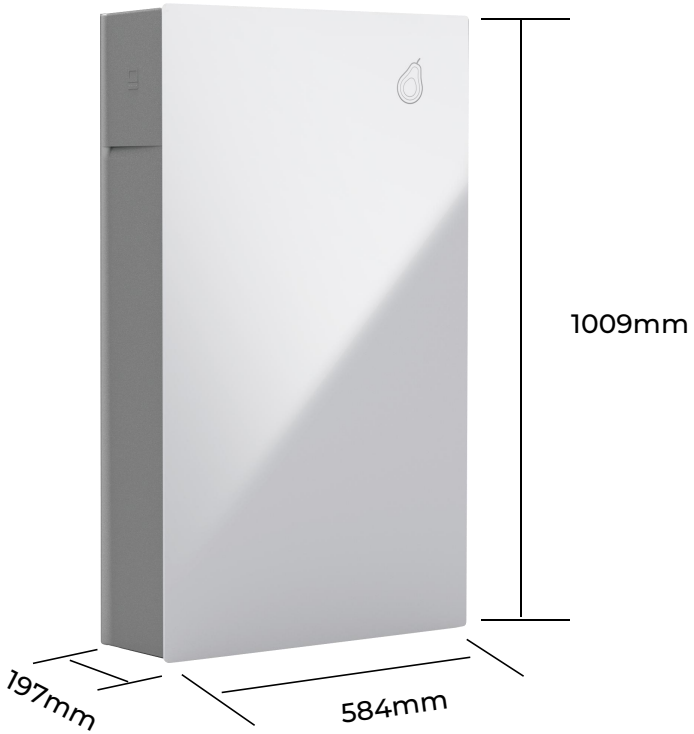
113kG



VS

POWERWALL 3

W: 609
H: 1105
D:193mm

124kG

Communication & Integration

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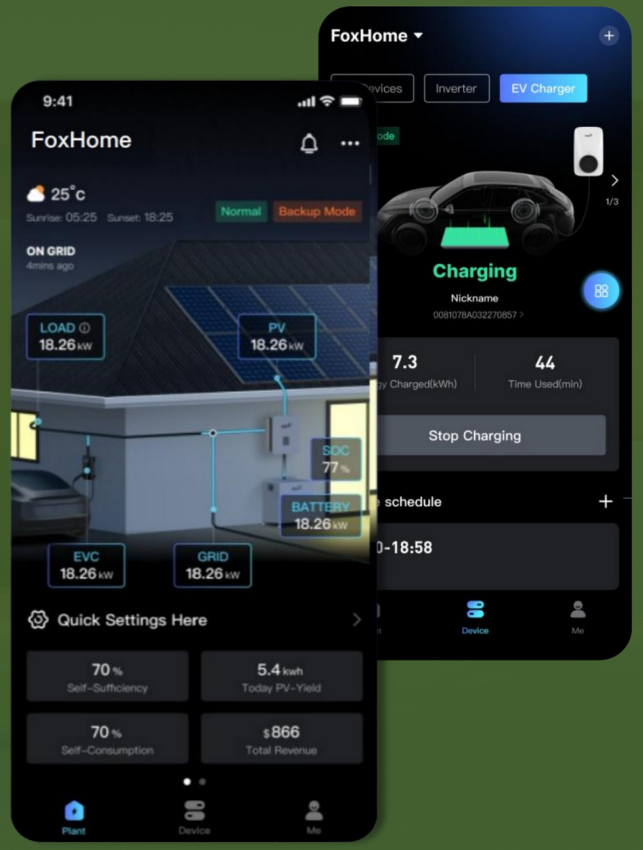
Advanced System Monitoring
with FoxCloud V2.0

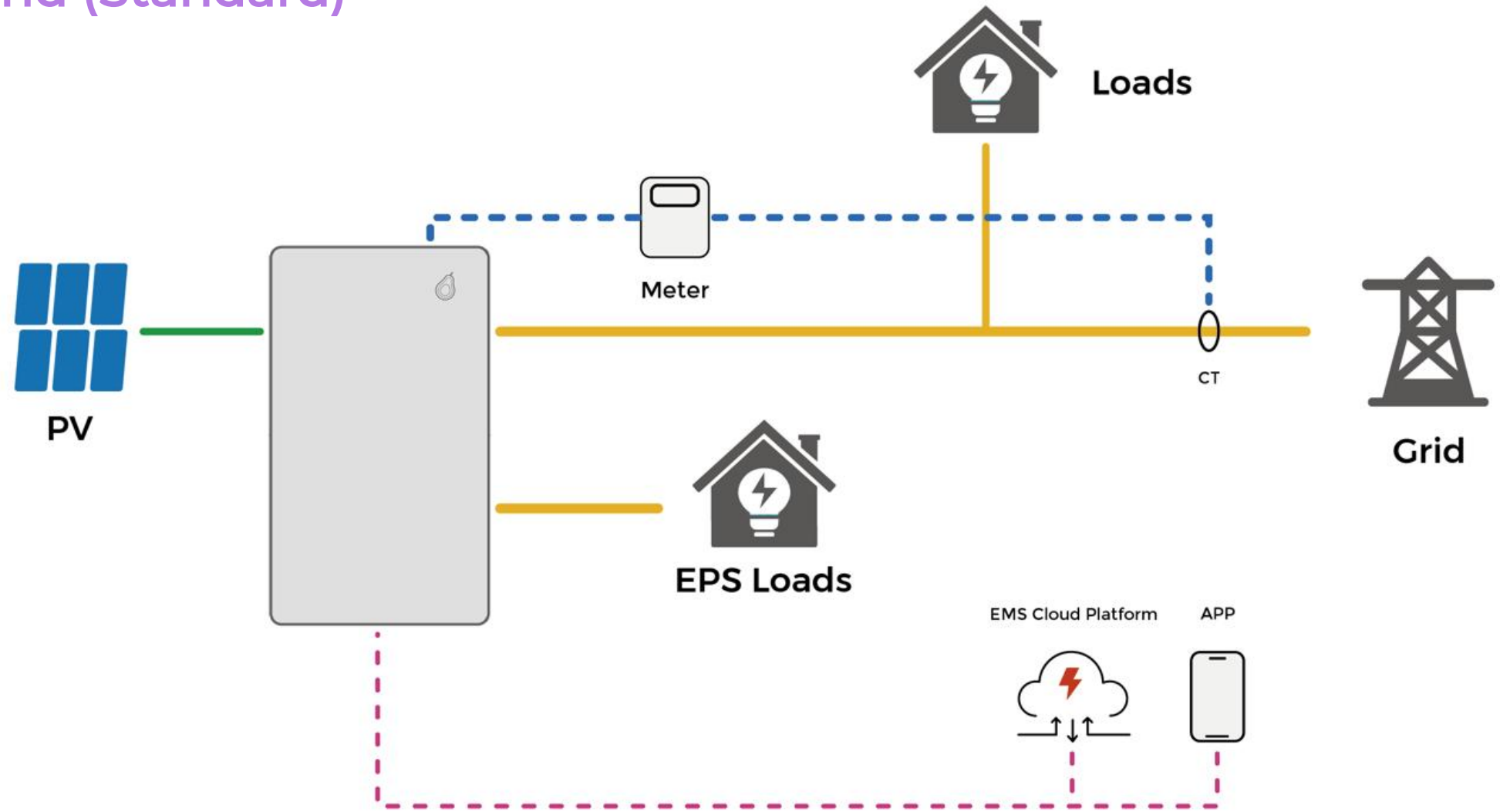


User-Friendly

- WiFi/LAN/4G
- DRM
- Ripple Control
- LCD
- APP
- WEB

Application

On Grid (Standard)



Application

3 Units in Parallel

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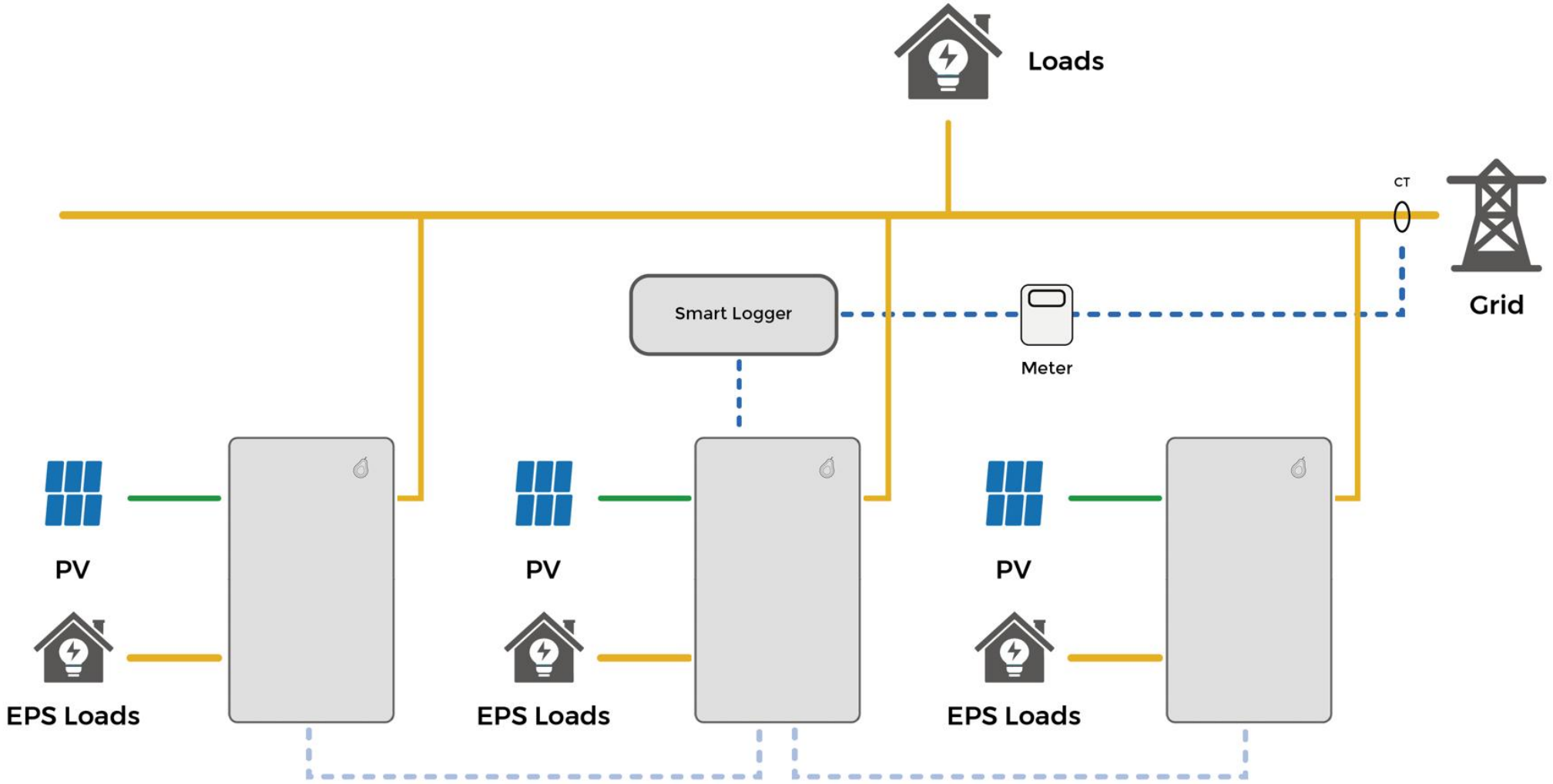

Application

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