

/ Perfect Welding / Solar Energy / Perfect Charging



Fronius USA
Solar Energy
Portage, IN

FRONIUS NEXT LEVEL SOLAR

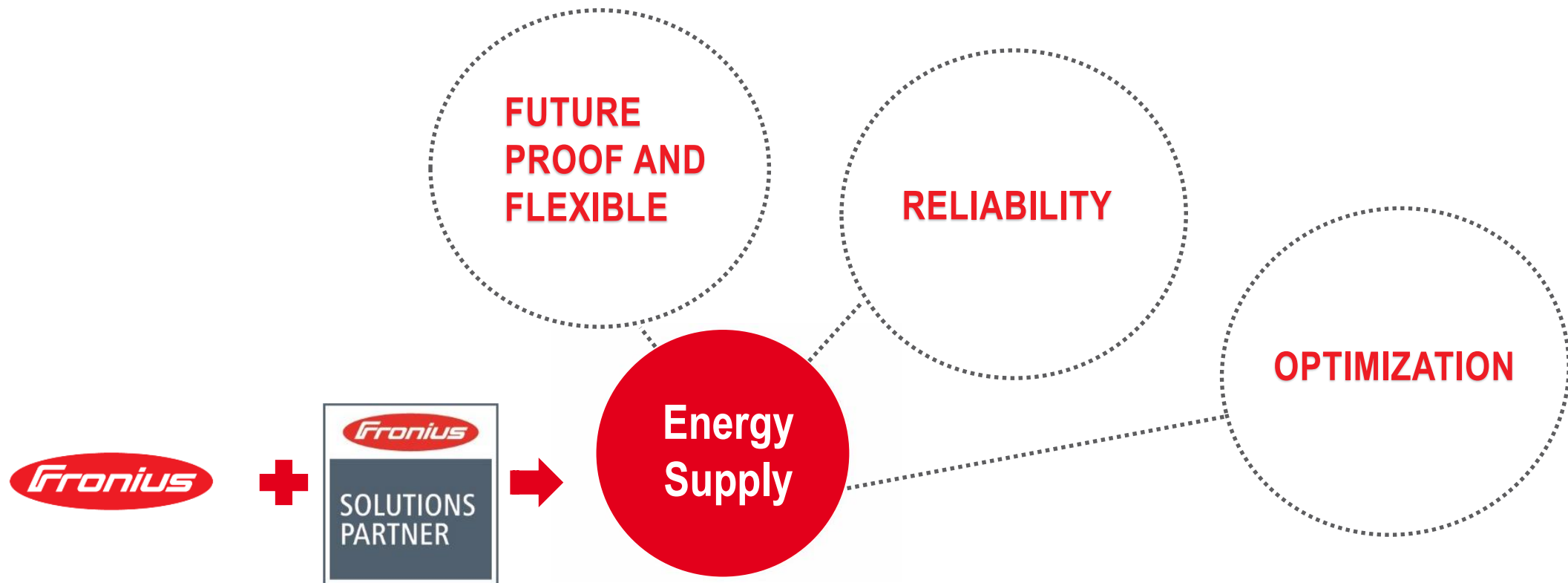
**WE BELIEVE IN A FUTURE WHERE WE
COVER OUR ENERGY NEEDS 100% WITH
RENEWABLE ENERGY SOURCES.**

A WORLD OF 24 HOURS OF SUN.





OUR KEY PRINCIPLES



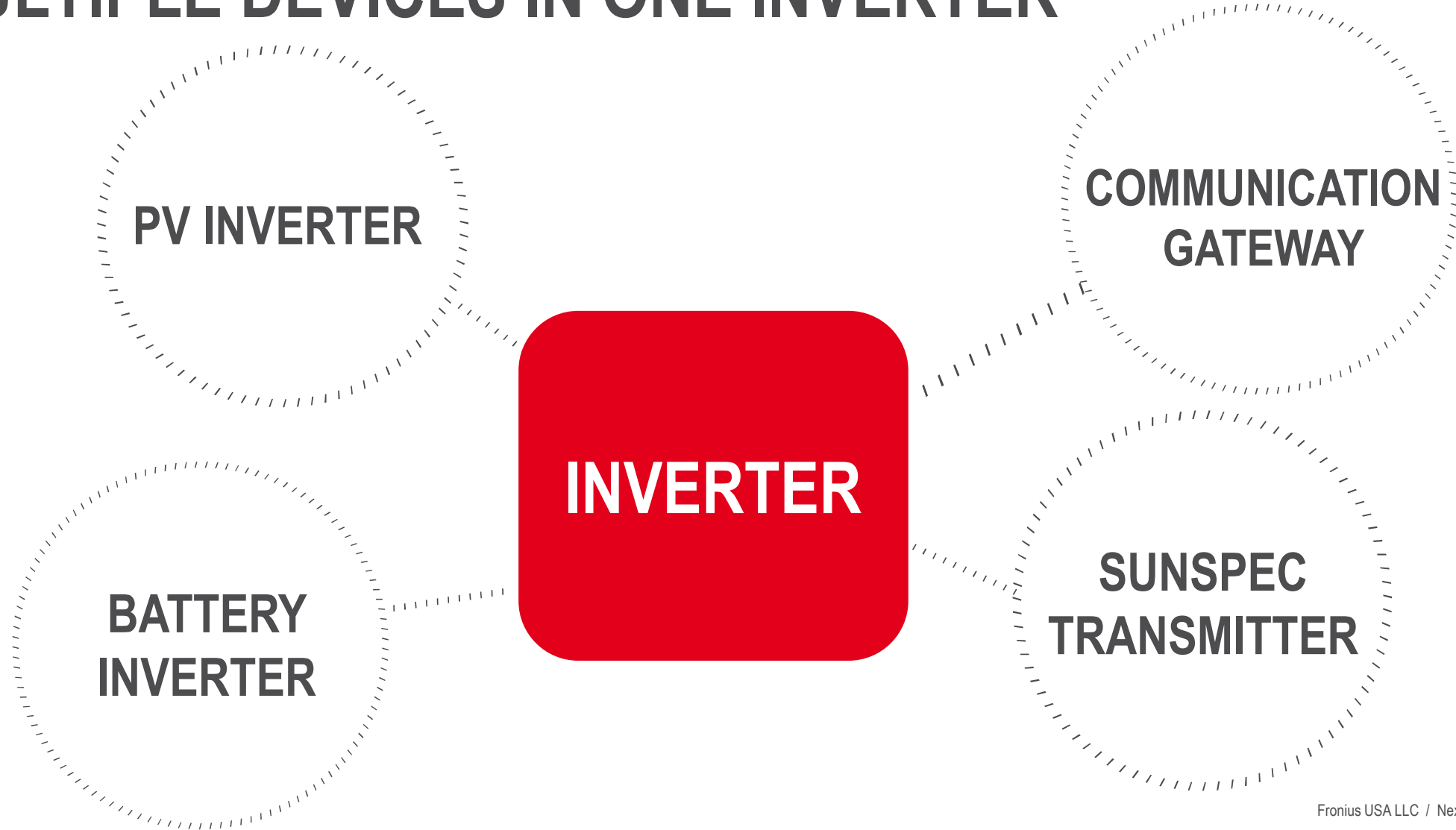


The future of inverters

Compact string inverters



MULTIPLE DEVICES IN ONE INVERTER





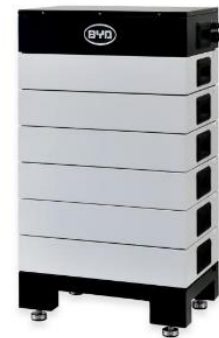
FRONIUS PRIMO GEN24



A MODULAR SOLUTION

Primo GEN24 (Plus)
208 - 240

3.8 to 12 kW*



BYD Battery-Box HV

5 to 10 kWh

*Sizes >6kW require combination of two inverters



THE PRIMO GEN24 PLUS – A MODULAR SOLUTION

3.8 kW and 5 kWh



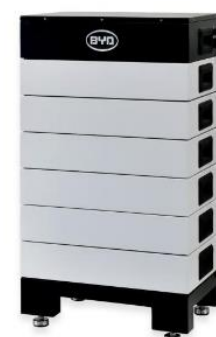
7.6 kW and 7.5 kWh



12 kW and 10 kWh



Adapt to your customer's needs



MULTIFLOW TECHNOLOGY



Multiflow
BUILT IN

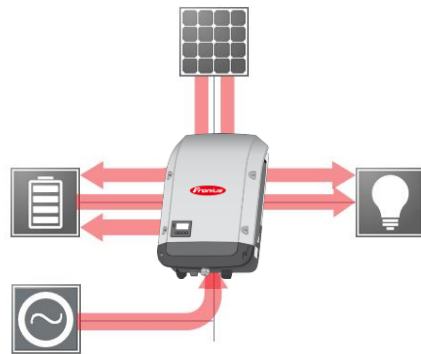


The future of residential includes storage – hybrid inverters required

Storage applications

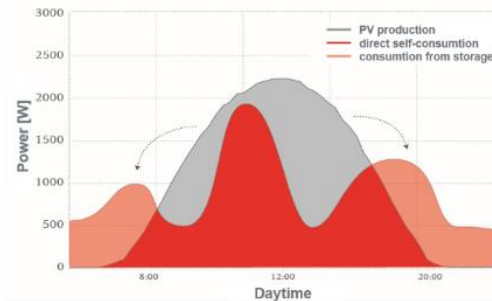
STORAGE USE CASES

1) Backup Power



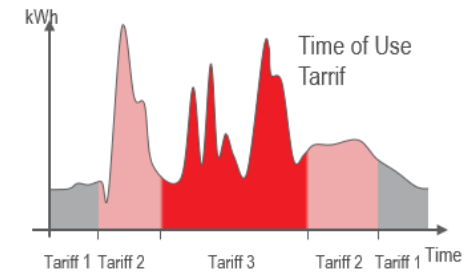
- / Backup power
- / E.g. for weather related grid disruptions
- / Increased independence from the grid

2) Self Consumption



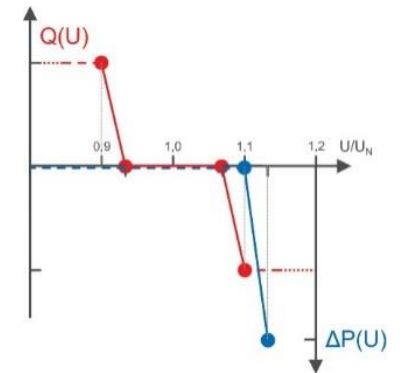
- / Use solar energy during evenings and nights
- / For markets without net metering or caps
- / Zero feed-in / no export markets

3) Tariff Optimization



- / Reduce your electricity bill
- / Use low-cost solar power to offset high-cost grid power
- / Peak shaving and load shifting

4) Grid Support



- / Grid support services
- / Solar as enabler for a smart, resilient electrical grid
- / Demand response and dynamic grid support



BACKUP OPTIONS

OPPORTUNITY POWER & BATTERY BACKUP



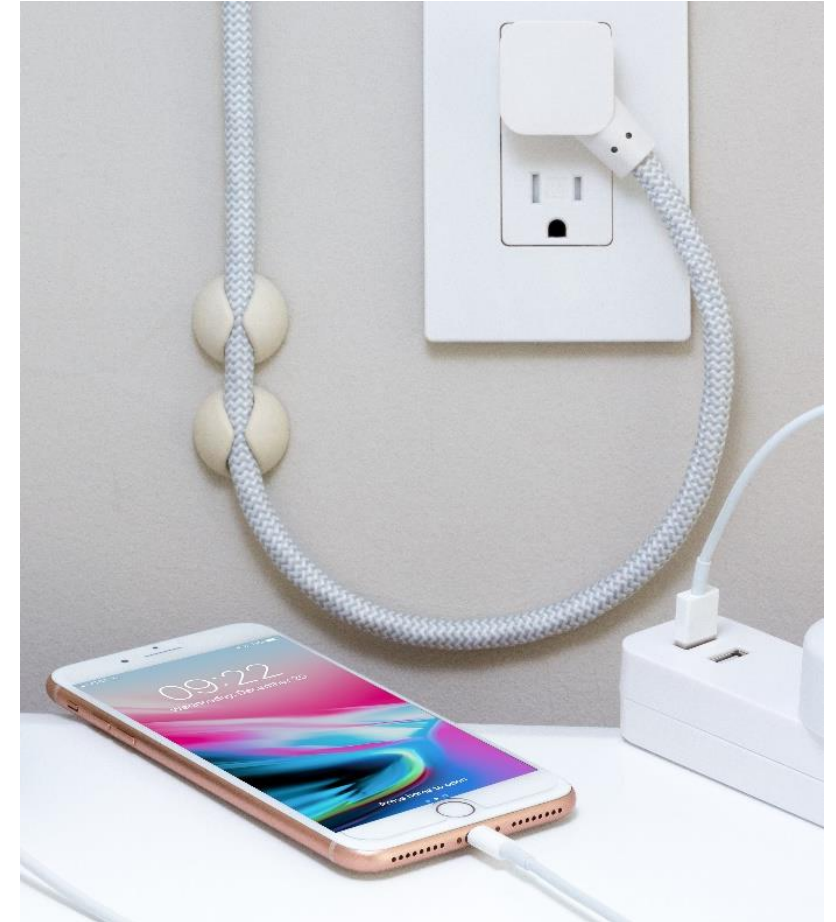
OPPORTUNITY POWER: FRONIUS PV POINT

**Single
phase**

**1.65 kW
power**

**Cost effective –
easy to install**

**Automatic
switch-over**





BATTERY BACKUP

**Maximum
power**

**Critical load
panel**

**Automatic
transfer
switch**

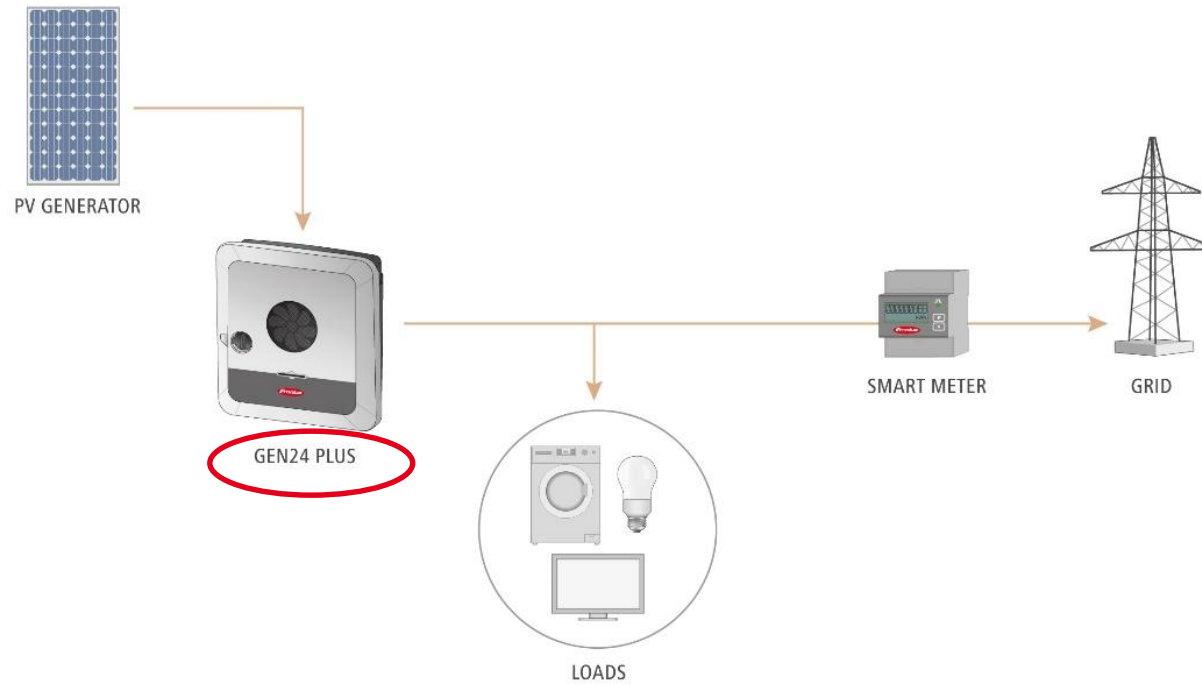


Photo: [rawpixel on Unsplash](#)

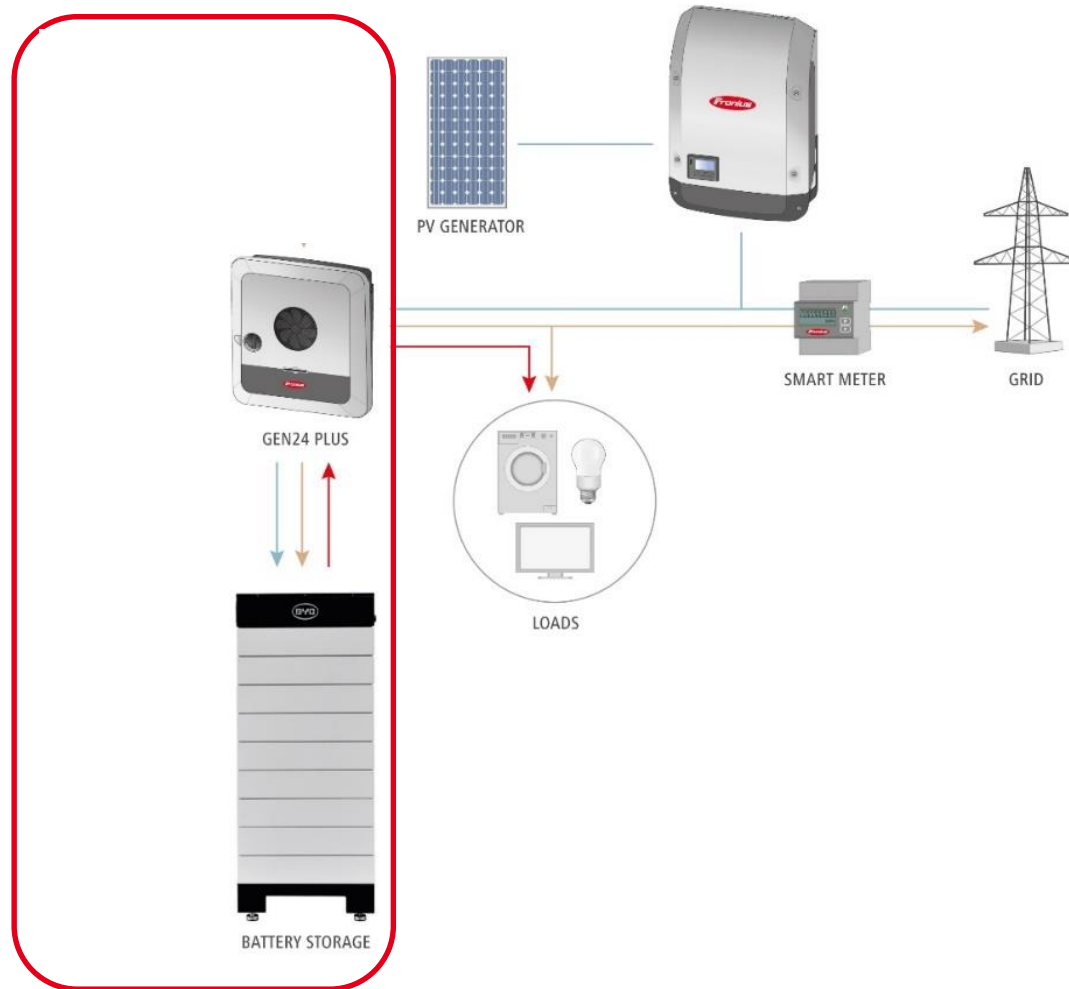


END-CUSTOMER SCENARIO

NEW SYSTEM – STORAGE READY



SYSTEM EXPANSION INCL. STORAGE



/ Perfect Welding / Solar Energy / Perfect Charging



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