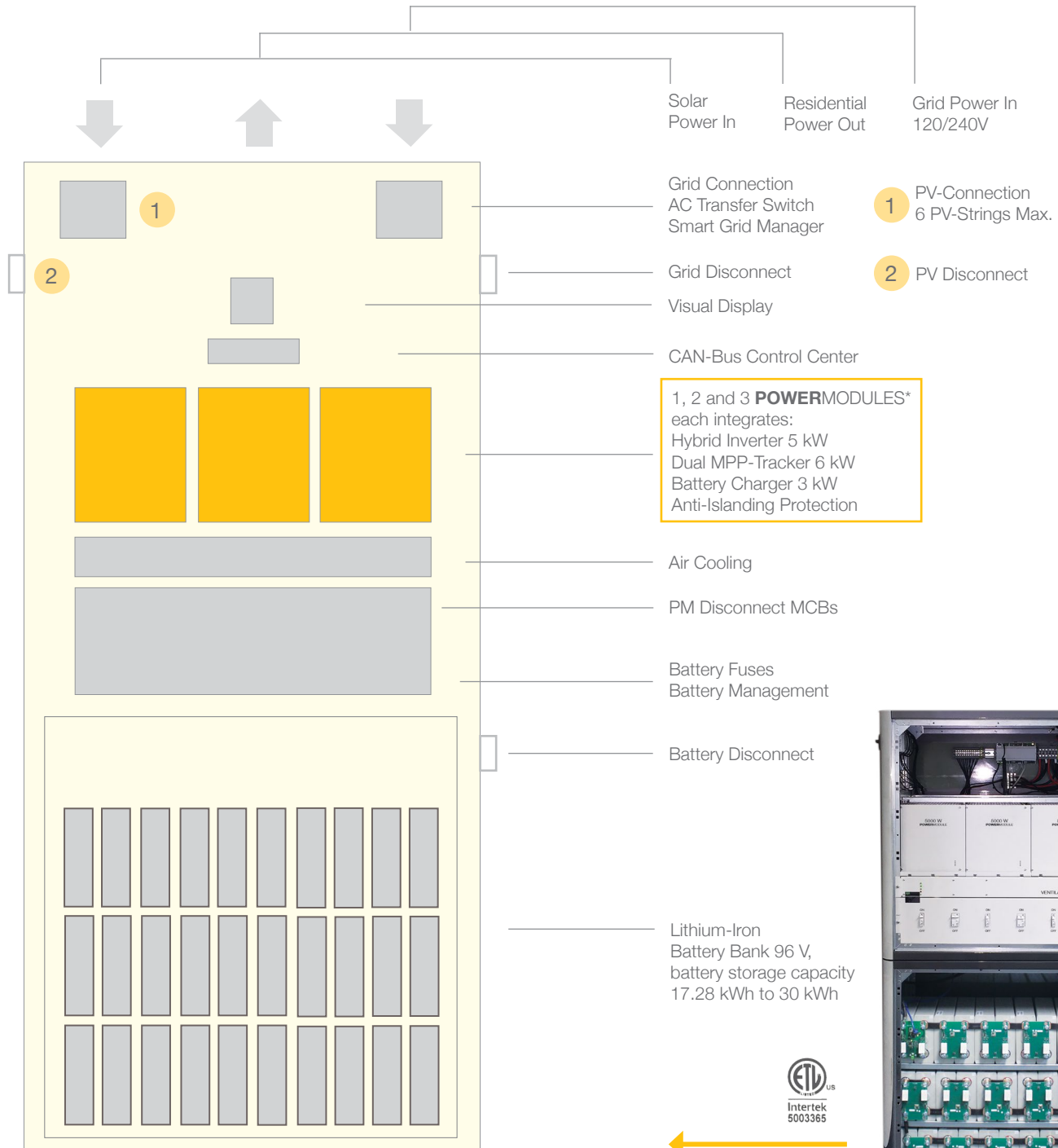


The **POWERSTATION 247** is a fully integrated scalable system 5 kW, 10 kW to 15 kW. It's free standing cabinet is easy to install and easy to use. The system integrates up to 3 hybrid inverters, solar MPP-trackers, charge controller and lithium-iron batteries, also all necessary field wiring terminals and disconnect switches. It is truly and uniquely 'plug and play'.



POWERSTATION 247 DETAILED FEATURES AND ADVANTEGES



Feature:
PV Disconnect Switch
PV Input Distribution

Advantage:
No external PV disconnect required
No external junction boxes
Every PV-String connects directly!

Feature:
High Efficient Automatic
Enclosure Ventilation

Advantage:
System reliabiliy on hot days

Feature:
Battery Circuit Breakers
and Distribution

Advantage:
No external components or
installations required

Lithium batteries must be operated with a suitable battery management system (BMS). The **POWERSTATION 247** is equipped with a BMS fulfilling the latest safety standards.

The National Electric Code NEC requires readily accessible disconnect switches for utility, PV-inputs, and battery. The **POWERSTATION 247** incorporates all NEC-required disconnection switches.

Feature:
Utility Disconnect Switch
Automatic Load Transfer Switch
Residential Energy Management
Internet Connectivity

Advantage:
No external grid disconnect required
No external load transfer switch required
PV harvest optimized for your customers own consumption
Remote monitoring via smartphone

1, 2 and 3 **POWERMODULES** each integrates:
Hybrid Inverter 5 kW
Dual MPP-Tracker 6 kW
Battery Charger 3 kW
Anti-Islanding Protection

VENTILATION SYSTEM

Feature:
Battery Disconnect Switch

Advantage:
No external battery disconnect

Feature:
Battery 96 V/180 Ah
LiFePO4
Integrated Battery Management System

Advantage:
No external battery
No battery cabling
Triple safety for battery
No environmental issues