

INVERTER SYSTEMS



Solarix PLI 5000-48



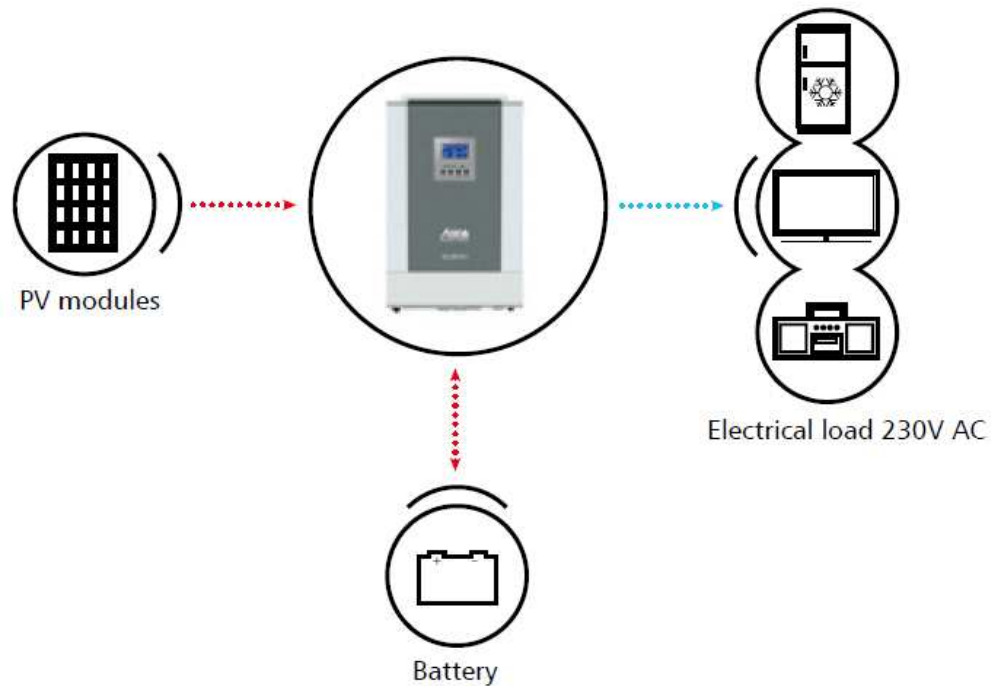
- Inverter / Charger with MPPT charge controller
- All-in-one:
 - 5 kW pure sine wave inverter (10 kW up to 5 s)
 - 80 A MPPT charge controller (max. 145 Voc)
 - 60 A charger from AC source (grid or generator)*Additionally only fuses and surge protector are required in most systems*
- Usable off-grid and on-grid (no grid injection)
- Usable with generator (automatic generator start)
- Solar or grid / generator priority selectable
- Synchronised to grid and fast UPS switching (10 ms)
- Overload bypass to grid selectable
- Very light: 11.5 kg

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Example: off-grid system



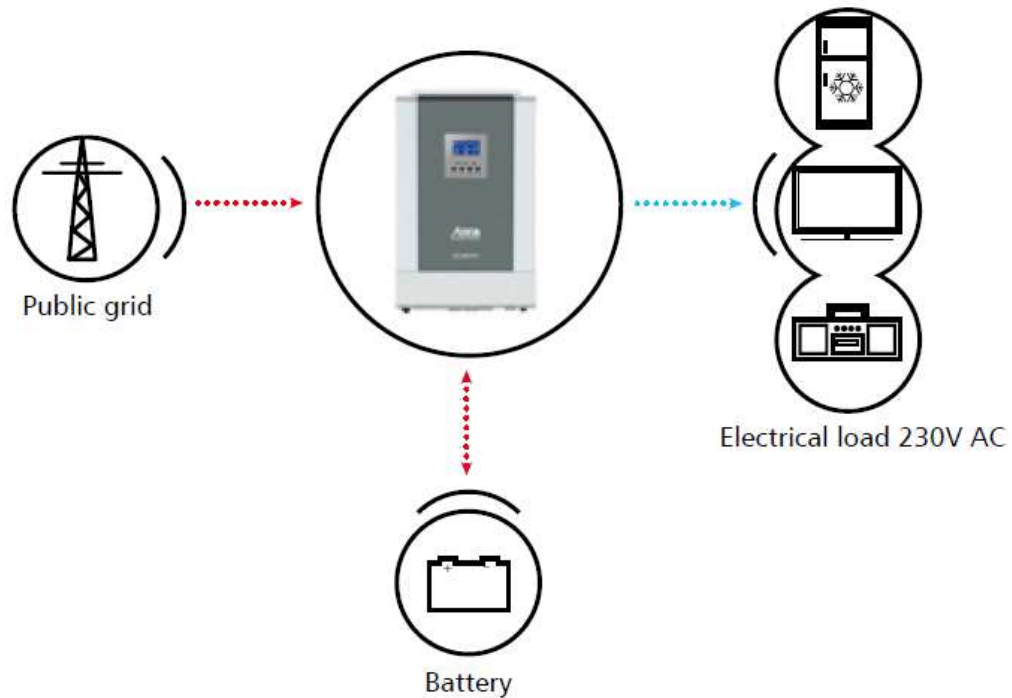
- Pure off-grid system (no AC input)
- PV as only energy source

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Example: uninterruptible power supply



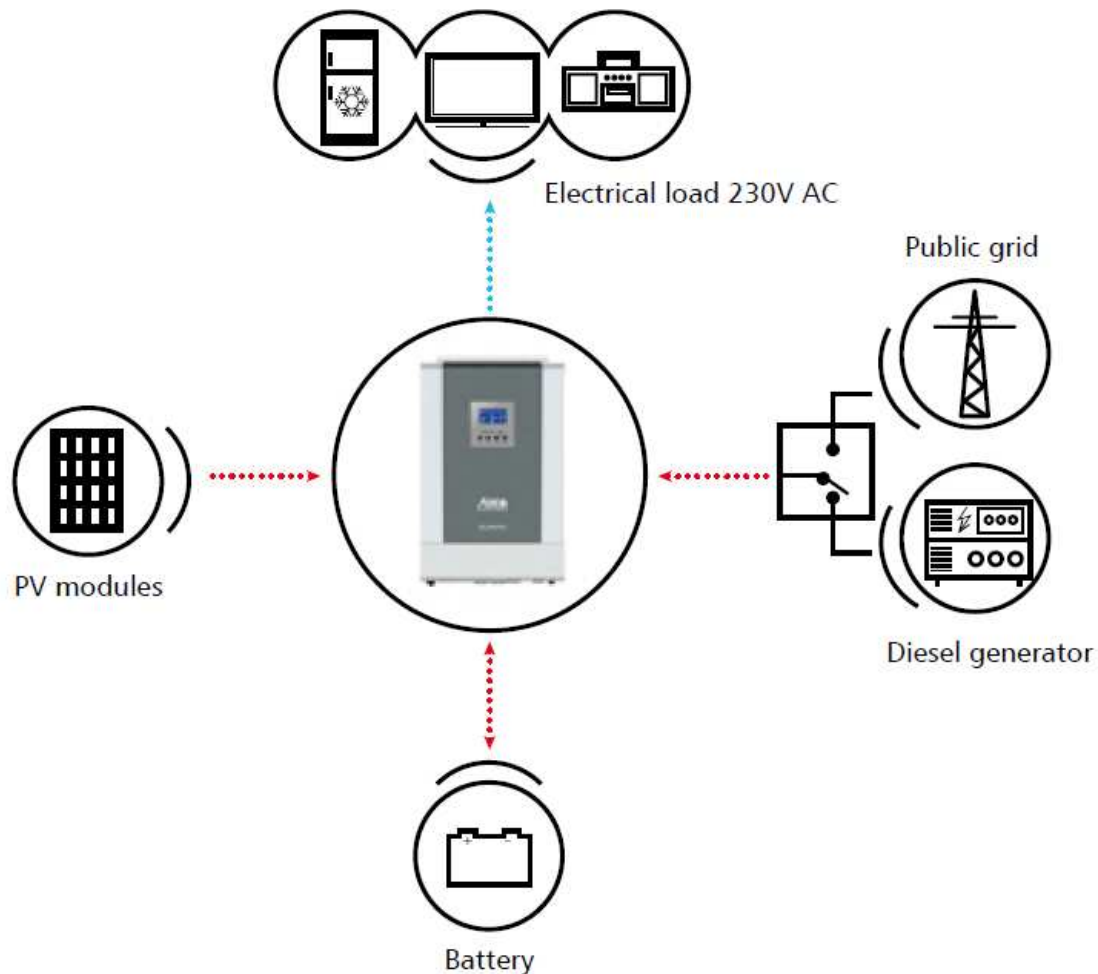
- Pure on-grid system
- No PV as only energy source, only grid
- Battery is charged from the grid whenever the grid is available
- Useful when grid fails regularly as backup (10 ms switchover time)

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Example: solar priority with grid connection



- Grid-connected system or off-grid with AC generator (external source selector required if both are used)
- PV is priority, alternatively grid / generator can be selected as priority
- Optional charging from the grid / generator