Characteristics of a grid inverter

Manufacturer, model: **Schneider Electric, Conext CL-60E 66kW**

Availability: Prod. from 2017

Data source: Manufacturer 2017

### Input characteristics (PV array side)

- **Operating mode**: MPPT
- **Minimum MPP Voltage**: Vmin 570 V
- **Maximum MPP Voltage**: Vmax 850 V
- **Absolute max. PV Voltage**: Vmax array 1000 V
- **Min. Voltage for PNom**: Vmin PNom 570 V
- **Output mode**: Number of string inputs 14

### Output characteristics (AC grid side)

- **Grid Voltage**: Unom 400 V
- **Grid frequency**: Freq 50/60 Hz
- **Nominal AC Power**: Pnom AC 66 kWac
- **Grid Frequency**: Triphased
- **Nominal AC current**: Inom AC 96 A

### Remarks and Technical features

- Array nominal power should be lower than Max. PV Power,
  This is a contractual requirement of the manufacturer.
- Array ISC current at STC should be lower than Max. input current,
  This is a contractual requirement of the manufacturer.
- Array isolation monitoring, Internal DC switch,
  ENS protection,
- Technology: HF, IGBT
- Protection: IP 65
- Control: LCD keypad, scroll wheel
- Weight and size includes Wiring box

### Efficiency profile vs Input power

![Efficiency profile graph](image-url)