# archelios™ CALC

Calculate, size and control your photovolatic installations

### A software designed for professionals

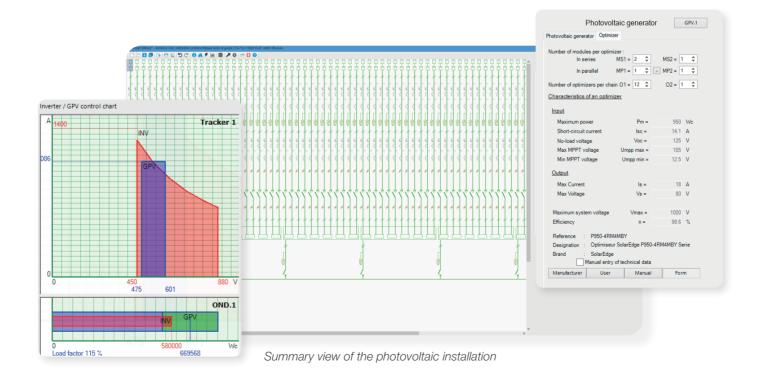
archelios™ CALC is a complete software for the calculation of photovoltaic installations connected to the public network or in self-consumption according to the standards. The software takes into account any type of photovoltaic installation in its entirety, from photovoltaic panels to the inverters and from the inverters to the network.

of self-count panels to

archelios™ CALC presents a complete and global view of the installation from photovoltaic modules to the connection to the public network of distribution, and in self-consumption from photovoltaic modules to installations.

#### **User interface**

The software provides real-time installation calculation and control according to IEC-60364 (2002) for the guarantee of optimum security. The interface provides a synthetic view of the entire installation and enables you to access any component for editing technical data.







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#### archelios™ CALC features

#### **Customize controls**

- Integration of optimizers
- → Processing of any type of PV installation including beyond 250 kVA
- Saving project settings

#### **Electrical calculation**

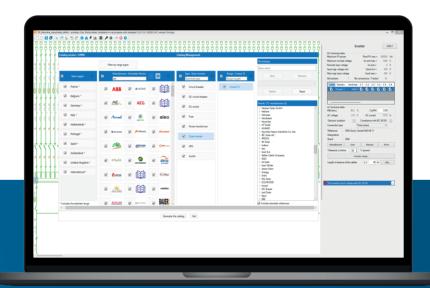
- Lightning risk analysis and consideration (surge protector sizing)
- → Real-time calculation and multi-standards normative controls (IEC-60364)
- Voltage drop calculation
- Built-in or customizable multi-manufacturers database (new interface)
- O Visual indication of non-conforming elements

#### Installation modeling

- → Export of the project to archelios™ PRO
- Detailed synoptic from the entire installation to the distribution network or to the installation in selfconsumption
- O DC and AC power sizing, single or multi-inverters
- Detailed inverters management (multi-trackers, multistrings, built-in protections)

#### **Reports**

- O DWG or PDF export of the synoptic
- Automatic generation of calculation note in PDF format
- → Editing of documents in PDF in 5 languages
- Editing of the complete regulatory file for inspection authorities



## To find out more

### Discover archelios™ suite

Consisting of archelios<sup>™</sup> PRO and archelios<sup>™</sup> CALC, archelios<sup>™</sup> Suite enables the management of an entire photovoltaic project from the study to the installation.

### PV design with archelios™ PRO

With the online app **archelios™ PRO**, you can size any type of photovoltaic project, from rooftop installations to large solar power plants or in self-consumption. Thanks to its versatility, **archelios™ PRO** will provide the feasability and profitability study, simulation, production calculation, and complete electrical sizing.

