

# PID Doctor CI

**eicero**  
INTELLIGENT POWER

**PID DOCTOR**

## Technical datasheet

<b>Power voltage:</b>	230V / 400V AC 50Hz +/- 10 %
<b>Consumption:</b> during the day during the night:	> 2W - 5W - according to configuration > 7 - 16W - depending on the size and condition of the insulation of the PV system.
<b>IP protection:</b>	IP 65 (can be mounted outside the inverter, it is recommended roofing)
<b>Communication:</b>	RS485 - Modbus RTU (optional)
<b>Alarm communication:</b>	Relay 1 changeover contact 1A 125V
<b>Output voltage:</b>	OPT1 > 250 - 600V - Adjustable in steps OPT2 > 400 - 800V - Adjustable in steps
<b>Pulse elimination:</b>	Adjustable in six steps
<b>Supported PV modules:</b>	Polycrystalline, monocrystalline, CIGS
<b>Minimum voltage on a string for a function to eliminate degradation PID:</b>	50V
<b>Maximum voltage of PV system:</b>	1000V
<b>Minimum insulation resistance of the PV system:</b>	400KOhm
<b>Resistance measuring range:</b>	100KOhm - 500KOhm
<b>Signalling:</b>	LCD display: 2x8 letters, 2 LED
<b>Protection DC:</b>	2 x 200mA
<b>The size of the PV system to the inverter:</b>	Version 1 > 1 - 22kW Version 2 > 22 - 60kW Version 3 > 60 - 120kW Version 4 > 120 - 350kW Version 5 > 350 - 690kW

