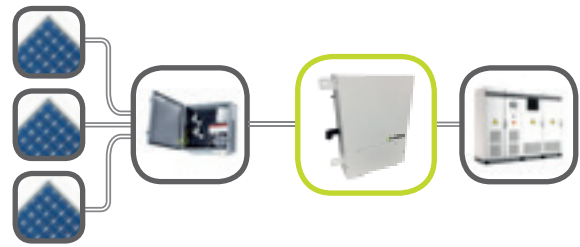




PID_{box}



The best solution for central inverters



Regenerates panels affected with PID



Compatible with all inverters and string sizes



Easy to implement

Technical data	ILUMEN PID BOX
PV array / inverter input	
Input PV voltage range	80 - 1000 V
Output voltage to ground	Up to 1250 V
Maximum PV current / input	
V75	75 A
V100	100 A
V125	125 A
V150	150 A
V200	200 A
V250	250 A
V300	300 A
V350	350 A
Number of independent DC inputs	1
Maximum cable section per busbar	2 x 240 m ²
Maximum output current in operation	16 mA
GRID (AC)	
Nominal AC voltage	110 to 130 V or 220 to 250 V (specify when ordering)
Nominal AC grid frequency	50 to 60 Hz
Power consumption in standby operation	8 W
Typical power consumption in operation	20 W (typically 0,3kWh/day)
Maximum power consumption	25 W
Inrush power	80 W
General data	
Dimensions (W x D x H)	520 x 140 x 550 mm
Weight	16 kg
Operating temperature range	-25 to 60 °C (-13 to 140 °F)
Environmental conditions	IP65 indoor use/outdoor use
Configuration	one DC-input
None of the connected solar module poles may become grounded on the PV side, grounding on the inverter side is possible	
Solar cell technology	
This product will function with p-type solar cells. If you want to apply this product to another technology, please contact iLumen	
Various	
Warranty	Up to 20 years
Certificates	www.ilumen.be