





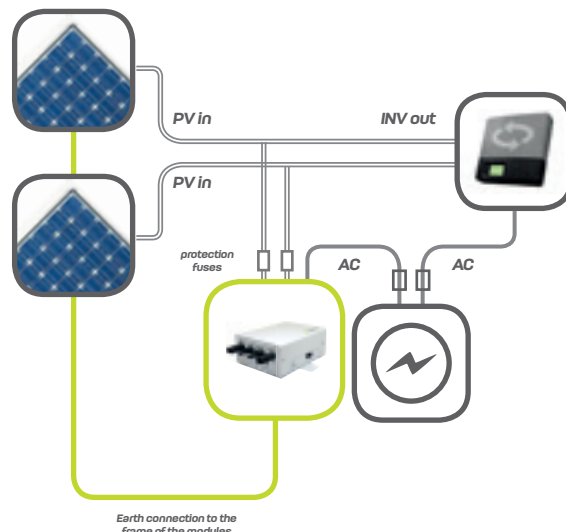
LIGHT VERSION



PIDbox

LIGHT INDOOR  / OUTDOOR 



-  Easy to implement
-  Regenerates panels affected with PID
-  Cost efficient
-  Inverter manufacturer approval is needed



Technical data	ILUMEN PID BOX LIGHT indoor / outdoor
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PV array / inverter input	
Input PV voltage range	80 - 1000 V
Output voltage to ground	Up to 1000 V
Maximum total PV power	500 kWp(c - Si)
Maximum output current in operation 5 mA	

GRID (AC)	
Nominal AC voltage	100 to 240 V
Nominal AC grid frequency	47 to 63 Hz
Power consumption in standby operation	< 0.2 W
Typical power consumption in operation	8 W
Maximum power consumption	15 W

General data	
Dimensions (W x D x H)	270 x 200 x 75 mm
Weight	1.100 g
Operating temperature range	-25 to 60°C (-13 to 140°F)
 Environmental conditions INDOOR	IP30 only use inside in dry circumstances
 Environmental conditions OUTDOOR	IP65 indoor/outdoor use
PV connectors	MC4 (Multi-Contact)

Configuration	
One ILUMEN PIDbox LIGHTper 2 MPPTs	
Maximum one MPPT per input (A/B)	
None of the connected solar module poles may become grounded	
1 screw connection for grounding the frames of the PV modules	
The inverter manufacturer's approval is needed to place the PIDbox LIGHT	
The client is responsible getting the approval	

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

Accessories	
Splitters with SUNCLIX-connectors are available on demand	

 **OUTDOOR** 
VERSION
AVAILABLE

PIDbox

LIGHT OUTDOOR



Environmental conditions
IP65 indoor/outdoor use