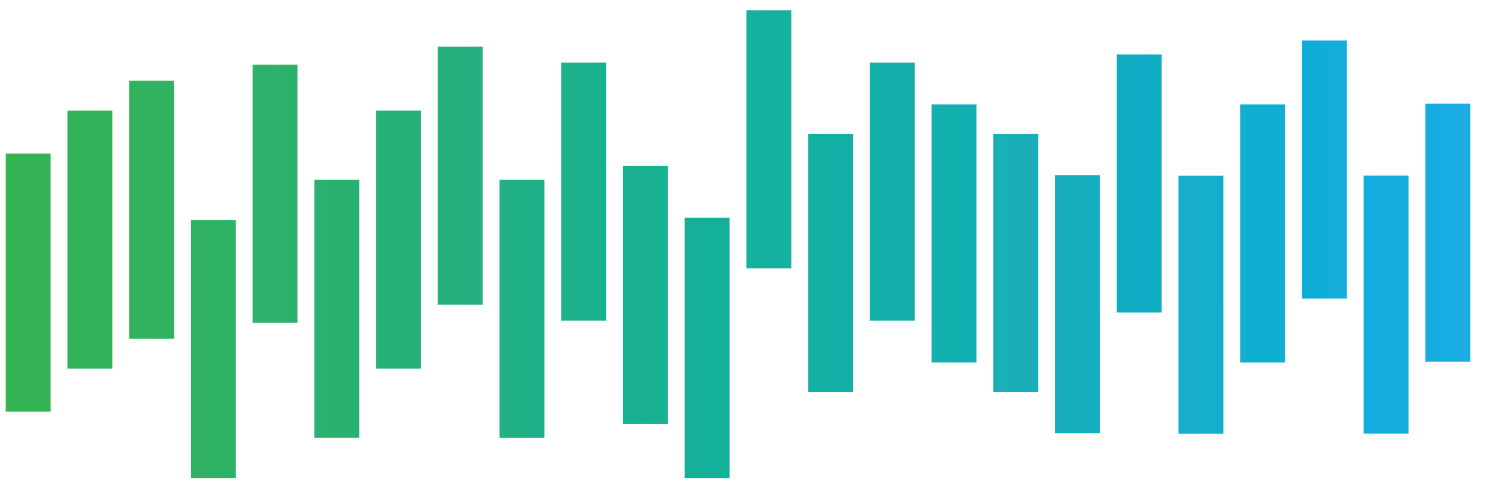


**T E C H N I C A L  
D A T A S H E E T**



**pidbull**   
Dangerously effective PID-technology

## PIDBULL UNIT

### TECHNICAL DATA PIDBULL SYSTEM

PV OUT 1 & 2	Connection towards PV panels
Standard connection	800 mm + MC4 compatible
PV-system operational voltage	125-1500 V
MAX PV power	60 KWp or 120 KWp
MASTER IN/OUT INPUT	Supply for all units from Master Unit 48 V
MAX inverters per unit	1
MPPT zones per unit	1 or 2 (3 at request)
MAX units per inverter	No limit
PV OUT Current MAX	5 mA
P standby	0.2 W
P operating, typical	3.6 W
P operating, maximum	10 W
Dimensions	150 x 125 x 61 mm
Weight	815 g
Minimum R <sub>iso</sub>	500 kΩ or 250 kΩ
Cabling	Included



## MASTER UNIT

### TECHNICAL DATA PIDBULL SYSTEM

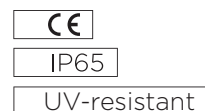
OUTPUT 1	Output 1 to PIDBULL units 48V
OUTPUT 2	Output 2 to PIDBULL units 48V
MAX # of PIDBULL per master	20 (40 at request)
INPUT AC	220-240 V
FREQUENCY	50 HZ
FE	Connection to grounded frame of solar installation
Dimensions	330 x 260 x 135 mm
Weight	3 210 g
Data acquisition	SD
Memory card replaceable	YES
Software Upgradable	YES
LED indicators	6
Logging	YES, via removable SD card
Error signal	YES, on screen and relay



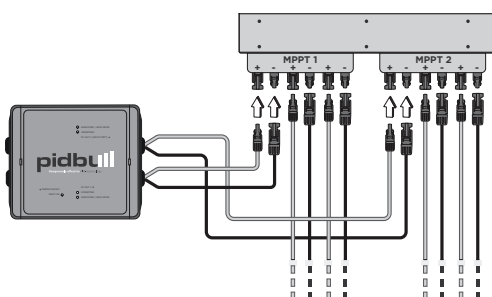
## GENERAL

### TECHNICAL DATA PIDBULL SYSTEM

Operational ambient temperature	-20°C -> +50°C
Outdoor/Indoor use	YES/YES
Protection grade	IP 65
Standard for	p-type PV panels



## INSTALLATION SCHEME



## FUNCTIONAL SCHEME

