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NOMENCLATURE

PV	photovoltaic
I-V	Current-Voltage
P-V	Power- Voltage
I _{ph}	Photoncurrent (A)
I _s	dioda current (A)
I _{rs}	resistance current (A)
I _{sc}	Short circuit current (A)
I _{pv}	outputcurrent PV module (A)
I _{MAX}	maximum power current
V _{pv}	output voltage PV module (V)
V _{MAX}	maximum power voltage (V)
V _{oc}	voltage open circuit (V)
R _s	series resistance (Ω)
R _{sh}	shunt resistance (Ω)
G	irradiation (W/m ²)
G _o	standart irradiation (W/m ²)
q	electron charge (1,602 x 10 ⁻¹⁹ C)
k	constant Boltzman (1,38 x 10 ⁻²³ J)
T	PV temperature (Kelvin)
T _o	standart Temperature (Kelvin)
N _s	number of series cells in the module
N _p	number of parallel cells in the module
E _g	energy gap (1.65)
A	ideality factor = 1
A _{PV}	Surface area PV modules (m ²)