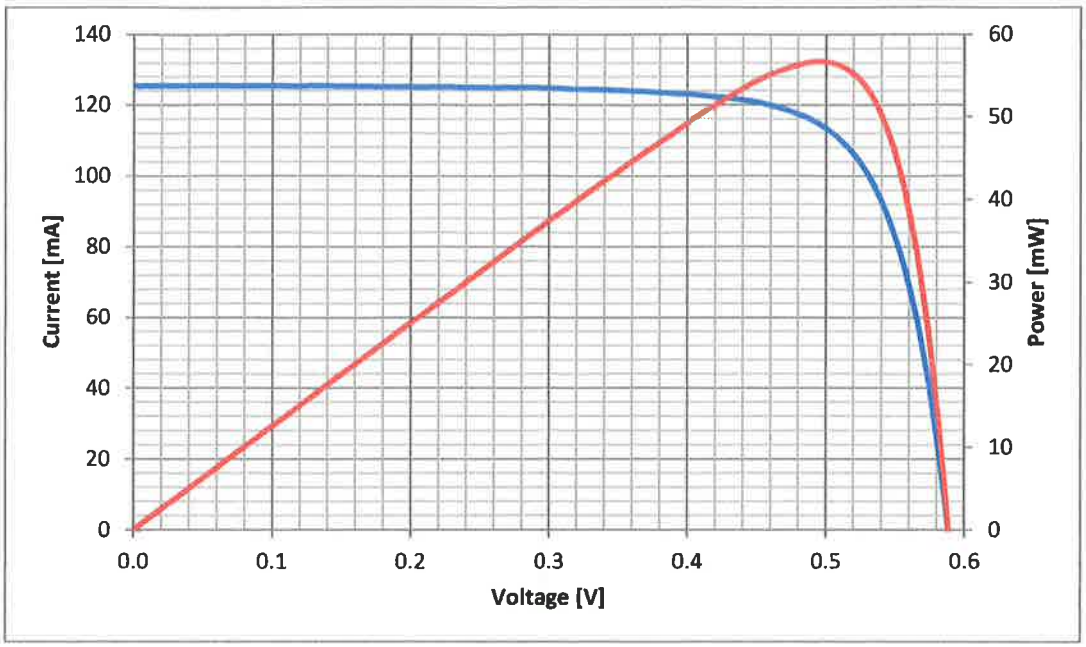
Radboud University Nijmegen

PV Calibration Facility Nijmegen

Device Code:	RQN2845	**Irradiance:**	1000 W/m^2
Date:	3-Jul-19	**Spectrum:**	AM1.5G
Reference:	RR-214-O	**Temperature:**	25.0 °C
Area:	4 cm2	**Mismatch Corrected**	Yes



I_{sc}	125.4 mA	J_{sc}	31.4 mA/cm2
V_{oc}	588 mV	I_{mpp}	114.5 mA
FF	76.9 %	V_{mpp}	496 mV
Eta	14.2 %		

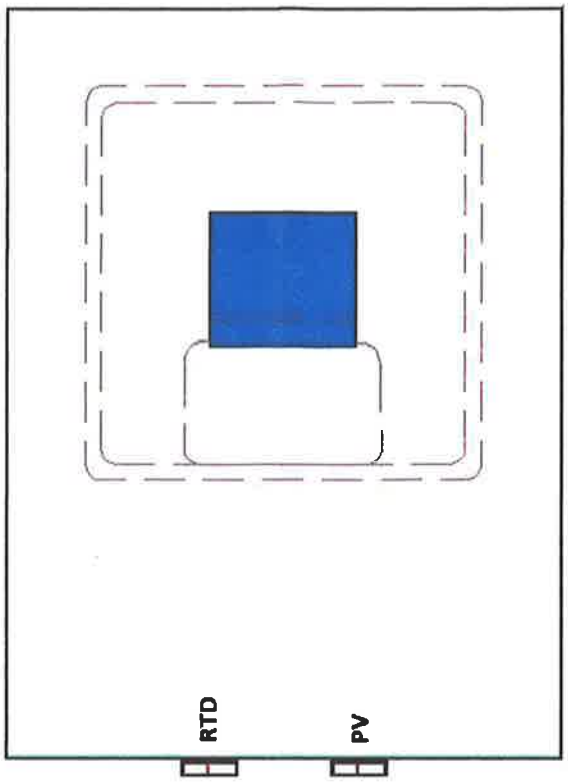
Source: IEC 60904-9 compliant
Load: Keithley 2400
Temperature: Pt100
Software: ReRa Tracer3
Contact calibration lab for uncertainty analysis

Approved:
E. Haverkamp

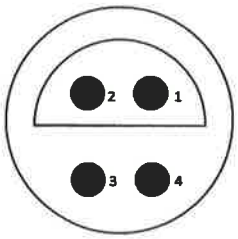
RERA SOLUTIONS

RERA SOLUTIONS
SOLAR MEASUREMENT

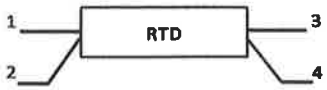
Reference Cell (RR-1001/1002/ 1003/1004): Wiring instructions



Open Cell Connections:	Shunted Cell Connections:
1: Positive Voltage Sense: Red Plug 2: Positive Current: Red Plug 3: Negative Voltage Sense: Black Plug 4: Negative Current: Black Plug	1+2: Positive Voltage: Red Plug 3+4: Negative Voltage: Black Plug



RTD Connections:



Use a sourcemeter to measure the Cell Output for open cells, use a voltmeter for shunted cells.

Use an RTD measurement device to measure the Pt100 Temperature.