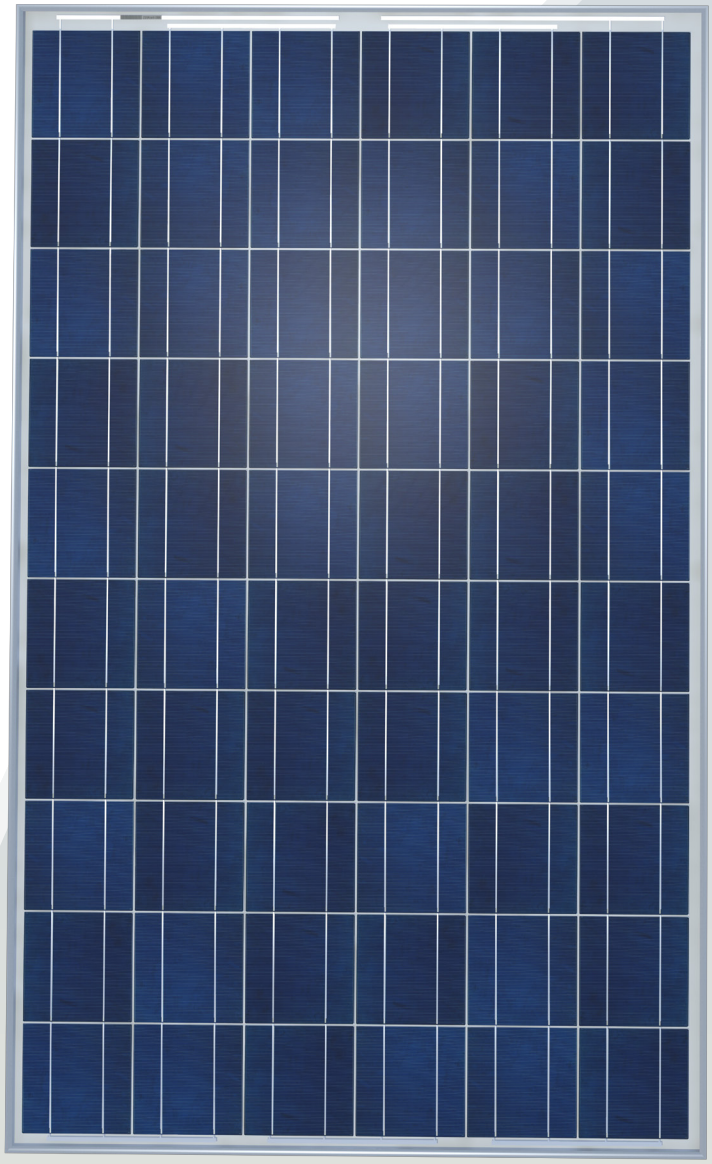
sovello
Powering Canada

Photovoltaic Modules



Project Pro P Series

Made in Ontario - Tested in Germany

Our highly efficient solar modules are produced by our certified technology partner, a provider of innovative supply chain solutions, following the same quality and engineering standards applied at our three solar manufacturing plants in Germany.

We fully comply with the content requirements set by the Ontario government, so our customers can be assured that our solar modules deliver the same outstanding performance and quality Sovello is known for in Europe.

› Positive output tolerance +4.99 W

› High solar module efficiency & energy yield

› Outstanding resilience & easy installation

› Comprehensive module testing in Germany

› 5-year material & workmanship warranty*

› 25-year power output guarantee

› Bankable and backed by Sovello Germany

IEC ISO OHSAS 18001 Intertek

*For detailed warranty terms, please contact Soventix Canada Inc.

Nominal Electrical Values

Standard Test Conditions (STC)[1]

		SV-P-225	SV-P-230	SV-P-235	SV-P-240	SV-P-245
Nominal Power	W	225	230	235	240	245
Output Tolerance	W	0/+4.9	0/+4.9	0/+4.9	0/+4.9	0/+4.9
Pmpp, max.	W	229.9	234.9	239.9	244.9	249.9
Pmpp, min.	W	225	230	235	240	245
Module Efficiency	%	14.0	14.4	14.7	15.0	15.3
Vmpp	V	28.9	29.1	29.4	29.8	29.9
Impp	A	7.8	7.9	8.0	8.1	8.2
Voc	V	36.5	36.8	37.1	37.3	37.4
Isc	A	8.3	8.4	8.5	8.6	8.7

[1] STC: 1,000 W/m² irradiance on module level, module temperature 25 °C and spectral distribution of irradiance acc. to air mass 1.5

Nominal Operating Cells Temperature Conditions (NOCT)[2]

T NOCT [2]	°C	48 ± 2	48 ± 2	48 ± 2	48 ± 2	48 ± 2
Vmpp	V	26.2	26.4	26.6	27.0	27.1
Impp	A	6.2	6.3	6.4	6.5	6.5
Voc	V	33.6	33.8	34.1	34.2	34.3
Isc	A	6.7	6.8	6.9	7.0	7.1

[2] NOCT: Equilibrium temperature at 800 W/m² irradiance on module level, air temperature 20 °C, wind velocity 1 m/s

Temperature Coefficients

P_{mpp}	(%/°C)	- 0.46
V_{oc}	(%/°C)	- 0.34
I_{sc}	(%/°C)	+ 0.07

System Design

Fuse Current	15 A
Limiting Reverse Current [3]	8.7 A
Maximum System Voltage	(IEC/UL) 1000/600

[3] refer to installation manual

Mechanical Stability

Snow & Wind Load [4]	up to 5.4 kN/m²
Hail Storm Resistance	25 mm @ 80 kph

[4] according to IEC standards

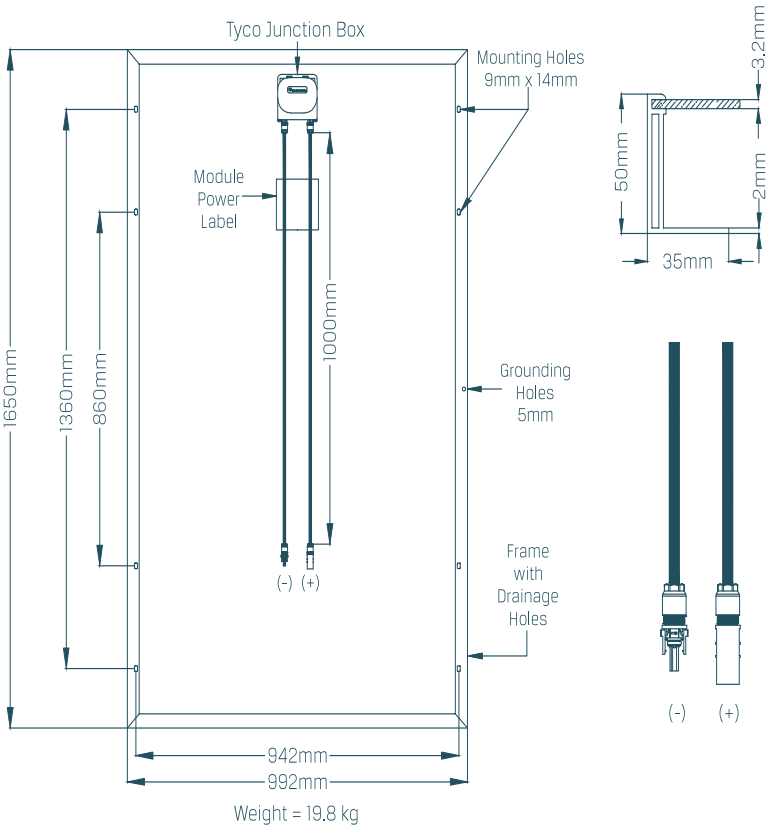
Certifications

IEC	61215, 61730
UL	1703
CEC	listed
Application Class	A
ISO	9001, 14001
Safety Class	II
OHSAS	18001

ELECTRICAL EQUIPMENT
CHECK WITH YOUR INSTALLER

Status 7/11, Version 1.2

Mechanical Specifications



Dimensions	1650x992x50 mm
Cells	60 Cells, poly-crystalline (156x156 mm)
Glass	Low iron structured glass, 3.2 mm thick
Module Connectors	Tyco SOLARLOK
Frame	Anodized aluminium, 50 mm height
Circuit	3 Diodes & 2 busbar
Backsheet	Composite film

Warranty

25-year guarantee for 80% nominal output power
10-year guarantee for 90% nominal output power
5-year limited warranty on material & workmanship

Note: Specifications and design are subject to change without prior notice. No legal claims may be made based on this product data sheet. Soventix Canada Inc. assumes no liability with regard to the use of the information found here or the consequences thereof.

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