

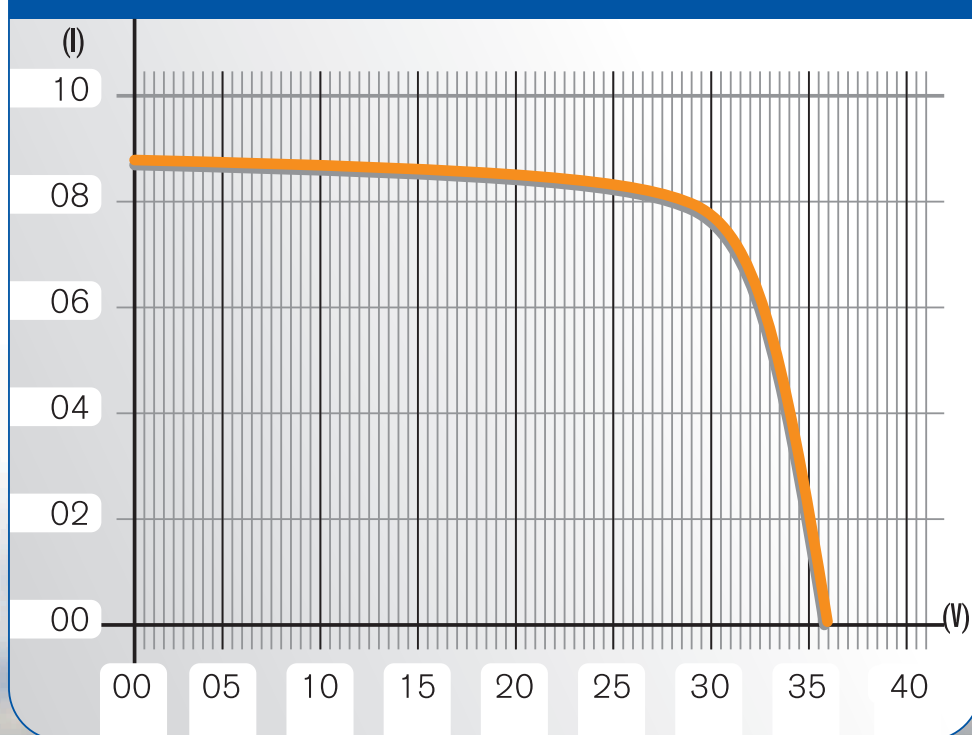


Pevafera applies the latest technologies and employs qualified professionals for the fabrication of our solar modules. Modules that count on the standards of quality control endorsed by the laboratories CENER and AENOR. These modules conform to the norm UNE-EN-61215 for photovoltaic modules made with crystalline silicon for terrestrial applications. The construction of which is protected by 4mm of tempered glass (with a low iron content) especially adapted for photovoltaic applications. The glass combined with the EVA and TEDLAR encapsulates the 72 single crystal solar cells, connected by thin strips of copper solder. All of this, to ensure a first-class product that assures you a high output and piece of mind.



## Curve I-V

this curve represents the result through the measuring of IP-VAP Standard module fabricated in Toro by Pevafera.



## Technical characteristics

Maximum system voltage  
Working Temperature

1000v  
(-45/+85°C)

## Multicrystalline photovoltaics modules (IP-VAP)

Model	Dimensions (mm)	Weight (Kg)	N° of Cells	P <sub>max</sub> (W)	I <sub>mp</sub> (A)	V <sub>mp</sub> (V)	I <sub>sc</sub> (A)	V <sub>oc</sub> (V)	L <sub>sc</sub> of CT (mA/K)	V <sub>oc</sub> of CT (mV/K)	P <sub>ma</sub> of CT (%/K)	NOTC
IP-190	1641x989x46	23,5	60	190+3/-2%	6,82	28,2	7,5	36,35	2,2	-128,28	-0,43	47±1°C
IP-195	1641x989x46	23,5	60	195+3/-2%	6,91	28,39	7,62	36,58	2,2	-128,28	-0,43	47±1°C
IP-200	1641x989x46	23,5	60	200+3/-2%	7	28,58	7,74	36,8	2,2	-128,28	-0,43	47±1°C
IP-205	1641x989x46	23,5	60	205+3/-2%	7,20	28,84	7,87	36,95	2,2	-128,28	-0,43	47±1°C
IP-210	1641x989x46	23,5	60	210+3/-2%	7,4	29,1	8	37,1	2,2	-128,28	-0,43	47±1°C
IP-215	1641x989x46	23,5	60	215+3/-2%	7,54	29,20	8,10	37,21	2,2	-128,28	-0,43	47±1°C
IP-220	1641x989x46	23,5	60	220+3/-2%	7,68	29,3	8,2	37,31	2,2	-128,28	-0,43	47±1°C
IP-225	1641x989x46	23,5	60	225+3/-2%	7,80	29,38	8,29	37,43	2,2	-128,28	-0,43	47±1°C
IP-230	1641x989x46	23,5	60	230+3/-2%	7,91	29,45	8,38	37,54	2,2	-128,28	-0,43	47±1°C
IP-235	1641x989x46	23,5	60	235+3/-2%	8,06	29,54	8,50	37,60	2,2	-128,28	-0,43	47±1°C
IP-240	1641x989x46	23,5	60	240+3/-2%	8,2	29,62	8,61	37,65	2,2	-128,28	-0,43	47±1°C
IP-245	1641x989x46	23,5	60	245+3/-2%	8,33	29,77	8,76	37,73	2,2	-128,28	-0,43	47±1°C
IP-250	1641x989x46	23,5	60	250+3/-2%	8,45	29,91	8,9	37,81	2,2	-128,28	-0,43	47±1°C