

# solar<sup>tek</sup>®

## PV high-performance modules

Guaranteed positive output tolerance  $-0/+5\text{Wp}$  by single measuring

Maximum 8000Pa snow load

Maximum stability through aluminum frame Soft Grip

High-quality junction box and connector systems

Made in Europe



## PV modules for extreme areas

12 years manufacturer's warranty

25 years linear performance guarantee to 85% output

Modern and fully automated production

**GETEK**  
ENERGY 

[www.getek.no](http://www.getek.no)  
[post@getek.no](mailto:post@getek.no)



## PVP – Polycrystalline series:

-option: black frame

Type	PVP25030	PVP26030	PVP27030
Nominal output P <sub>mpp</sub>	250Wp	260Wp	270Wp
Nominal voltage U <sub>mpp</sub>	30,70V	30,92V	30,94V
Nominal current I <sub>mpp</sub>	8,18A	8,43A	8,80A
Short circuit current I <sub>sc</sub>	8,41A	9,01A	9,41A
Open circuit voltage U <sub>oc</sub>	37,80V	38,00V	39,26V
Module conversion efficiency	15,37%	15,98%	16,40%

Electrical characteristics ( at Standard Test Conditions ( STC) of irradiance 1000W / m<sup>2</sup> , spectrum AM 25°C)

### Design

<b>Frontside</b>	3,2mm anti-reflective glass
<b>Cells</b>	60 polycrystalline high efficiency cells 156x156 mm (6")
<b>Backside</b>	Composite film
<b>Frame</b>	40mm silver anodized aluminium frame

### Mechanical data

<b>LxWxH</b>	1650x992x40 mm
<b>Weight</b>	19,5kg with frame

### Power connection

<b>Socket</b>	Protection class IP65 (3 bypass diodes)
<b>Wire</b>	Approx 110 cm / 4 mm <sup>2</sup>
<b>Plug-in system</b>	Plug / Socket IP67

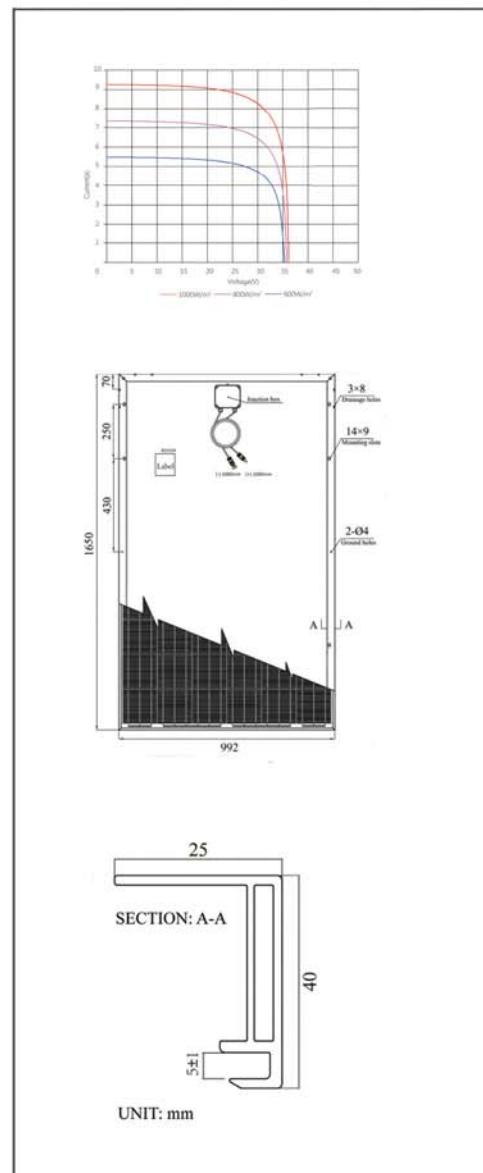
### Limit values

<b>System voltage</b>	1000VDC
<b>NOCT*</b>	45°C +/- 2K
<b>Max. load-carring capacity</b>	5400 N/m <sup>2</sup> tested to 8000 Pa
<b>Reverse current feed IR</b>	16,0A

\*NOCT, irradiance 800 W/m<sup>2</sup> AM1.5; wind speed 1 m/sec; Temperature 20°C

### Temperature coefficient

<b>Voltage U<sub>oc</sub></b>	-0,30%/K
<b>Current I<sub>sc</sub></b>	+0,04%/K
<b>Output P<sub>mpp</sub></b>	-0,42%/K





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## PVMB - Monocrystalline all black series:

Type	PVMB25030	PVMB26030	PVMB27030	PVMB28030
Nominal output P <sub>mpp</sub>	250Wp	260Wp	270Wp	280Wp
Nominal voltage U <sub>mpp</sub>	29,65V	30,42V	30,94V	31,30V
Nominal current I <sub>mpp</sub>	8,47A	8,60A	8,80A	8,96A
Short circuit current I <sub>sc</sub>	8,80A	9,06A	9,41A	9,50A
Open circuit voltage U <sub>oc</sub>	37,98V	38,30V	39,26V	39,32V
Module conversion efficiency	15,37%	15,98%	16,60%	17,20%

Electrical characteristics ( at Standard Test Conditions ( STC) of irradiance 1000W / m<sup>2</sup> , spectrum AM 25°C)

### Design

<b>Frontside</b>	3,2mm anti-reflective glass
<b>Cells</b>	60monocrystalline high efficiency cells 156x156 mm (6")
<b>Backside</b>	Composite film
<b>Frame</b>	40mm silver anodized aluminium frame

### Mechanical data

<b>LxWxH</b>	1650x992x40 mm
<b>Weight</b>	19,5kg with frame

### Power conection

<b>Socket</b>	Protection class IP65 (3 bypass diodes)
<b>Wire</b>	Approx 110 cm / 4 mm <sup>2</sup>
<b>Plug-in system</b>	Plug / Socket IP67

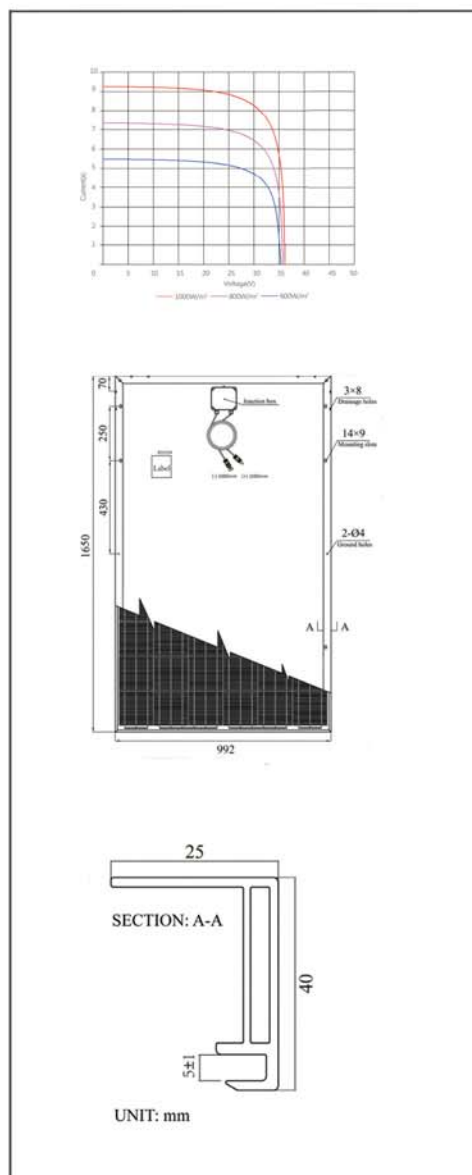
### Limit values

<b>System voltage</b>	1000VDC
<b>NOCT*</b>	45°C +/- 2K
<b>Max. load-carring capacity</b>	N/m <sup>2</sup> tested to 8000 Pa 5400
<b>Reverse current feed IR</b>	16,0A

\*NOCT, irradiance 800 W/m<sup>2</sup> AM1,5; wind speed 1 m/sec; Temperature 20°C

### Temperature coefficient

<b>Voltage U<sub>oc</sub></b>	-0,30%K
<b>Current I<sub>sc</sub></b>	+0,04%K
<b>Output P<sub>mpp</sub></b>	-0,42%K





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## PVMHE - MonoCrystalline high efficiency series:

Type	PVMHE28030	PVMHE29030	PVMHE30030
Nominal output P <sub>mpp</sub>	280Wp	290Wp	300Wp
Nominal voltage U <sub>mpp</sub>	31,30V	31,58V	32,10V
Nominal current I <sub>mpp</sub>	8,96A	9,20A	9,41A
Short circuit current I <sub>sc</sub>	9,50A	9,66A	9,97A
Open circuit voltage U <sub>oc</sub>	39,50V	39,60V	39,80V
Module conversion efficiency	17,20%	17,60%	18,35%

Electrical characteristics ( at Standard Test Conditions ( STC) of irradiance 1000W / m<sup>2</sup> , spectrum AM 25°C)

### Design

<b>Frontside</b>	3,2mm anti-reflective glass
<b>Cells</b>	60monocrystalline high efficiency cells 156x156 mm (6")
<b>Backside</b>	Composite film
<b>Frame</b>	40mm silver anodized aluminium frame

### Mechanical data

<b>LxWxH</b>	1630x992x40 mm
<b>Weight</b>	19,5kg with frame

### Power conection

<b>Socket</b>	Protection classe IP65 (3 bypass diodes
<b>Wire</b>	Approx 110 cm / 4 mm <sup>2</sup>
<b>Plug-in system</b>	Plug / Socket IP67

### Limit values

<b>System voltage</b>	1000VDC
<b>NOCT*</b>	42,9°C +/- 2K
<b>Max. load-carring capacity</b>	N/m <sup>2</sup> tested to 8000 Pa 5400
<b>Reverse current feed IR</b>	16.0A

\*NOCT, irradiance 800 w/m<sup>2</sup> AM1.5; wind speed 1 m/sec; Temperature 20°C

### Temperature coefficient

<b>Voltage U<sub>oc</sub></b>	-0,29%K
<b>Current I<sub>sc</sub></b>	+0,05%K
<b>Output P<sub>mpp</sub></b>	-0,42%K

