

**EXCELLENT P60**  
**smart | black**

POLYCRYSTALLINE 260–275 WP

**Improved optics and  
flexible, easy installation**

Elegant and attractive  
design

Extended clamping areas

Upside down installation  
possible

Load up to 5,400 Pa

**Optimized for  
performance**

PID-free polycrystalline  
solar cells

Antireflective glass  
ensures high yields even at  
diffuse irradiation

Positively classified  
-0/+4.99 Wp

Industry-leading NOCT  
values

100% PID safe

**Highest quality  
standards**

Manufactured in accordance  
with DIN EN ISO 9001:2015  
and ISO 14001:2015 and  
OHSAS 18001:2007

PV-module type approval  
according to IEC 61215 and  
IEC 61215:2016

PV-module safety qualification  
according to IEC 61730 and  
IEC 61730:2016

Fire protection: tested in  
accordance with  
DIN ENV 1187 (t1)

**Guaranteed  
performance \***

26 years linear  
performance guarantee

12 years product  
guarantee, optionally  
extendable to 25 years

Optional Total Care  
for the entire system

# EXCELLENT 260 | 265 | 270 | 275 P60

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## Performance STC

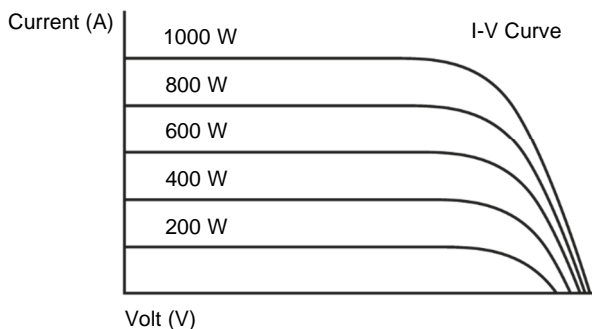
Under Standard Test Conditions STC:  
1,000 W/m<sup>2</sup>, spectrum AM 1.5, cell temperature  
25°C, measurement tolerances STC: ±3% (Pmpp)


Nominal Power (Pmpp)	260	265	270	275
Open Circuit Voltage (Uoc)	38,07	38,25	38,42	38,60
Voltage (Umpp)	30,57	30,80	31,03	31,26
Short Circuit Current (Isc)	9,19	9,27	9,36	9,44
Current (Impp)	8,56	8,65	8,74	8,82
Efficiency $\eta$	15,3	15,6	15,9	16,2

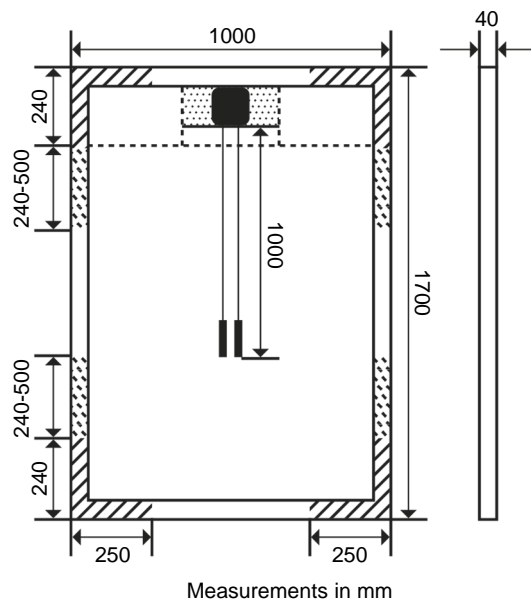
## Performance

800 W/m<sup>2</sup>, NOCT, AM 1.5

Nominal Power (Pmpp)	193	196	199	203
Open Circuit Voltage (Uoc)	35,20	35,36	35,52	35,68
Voltage (Umpp)	28,19	28,39	28,60	28,80
Short Circuit Current (Isc)	7,43	7,49	7,56	7,63
Current (Impp)	6,83	6,90	6,97	7,04



**Clamping Areas**  
 Approved up to 2400 Pa  
 Approved up to 5400 Pa  
 **No contact between junction box and mounting profile permitted in this area.**



## Thermal Properties

TC Pmpp	-0.42 %/K
TC Uoc	-0.315 %/K
TC Isc	0.04 %/K
NOCT	46 +/- 2 °C

## Other Technical Specification

Max. System Voltage	1000 V
Weight	19.5 ± 0.5 kg
Reverse Current Load IR	15 A
Junction Box	IP67
Connectors	IP68
Bypass Diodes in Junction Box	3 pcs

## Material Used

No. of Cells	60 pcs
Type of Cells	Polycrystalline
Front	Hardened Solar Glass
Frame	Anodized Aluminium
Frame Height	40 mm

