

Typical Data at Standard Test Conditions (STC)

			240	245	250	255	260
Module Type P6-66			240	245	250	255	260
Nominal Peak Power	P _{mpp}	[Wp]	240	245	250	255	260
Power Tolerance +5/-2,5 Wp							
Power density		[Wp/m ²]	132	135	137	140	143
Peak Power Voltage	V _{mpp}	[V]	31,5	31,7	31,9	32,1	32,3
Peak Power Current	I _{mpp}	[A]	7,60	7,71	7,83	7,94	8,05
Open Circuit Voltage	V _{oc}	[V]	40,1	40,3	40,5	40,6	40,8
Short Circuit Current	I _{sc}	[A]	8,12	8,22	8,31	8,40	8,50
Module efficiency reduction @ 200 W/m ² -0,8% Abs.							

STC: Standard Test Conditions; 1000 W/m², 25°C, AM 1,5

Typical Data at Normal Operating Cell Temperature conditions (NOCT)

TNOCT 44°C							
Peak Power	P _{mpp}	[Wp]	175	178	182	186	189
Peak Power Voltage	V _{mpp}	[V]	28,9	29,1	29,2	29,4	29,6
Peak Power Current	I _{mpp}	[A]	6,04	6,13	6,22	6,31	6,40
Open Circuit Voltage	V _{oc}	[V]	37,5	37,7	37,9	38,0	38,1
Short Circuit Current	I _{sc}	[A]	6,58	6,66	6,73	6,81	6,89

NOCT: Irradiance level 800 W/m², spectrum AM 1,5, wind velocity 1 m/s and ambient temperature 20°C

Thermal Characteristics

Temperature Coefficient I _{sc}	TK I _{sc}	0,07	[%/K]
Temperature Coefficient V _{oc}	TK V _{oc}	-0,34	[%/K]
Temperature Coefficient P _{mpp}	TK P _{mpp}	-0,48	[%/K]

Measurement tolerances P_{mpp} @ STC ± 5% all other electrical parameters ± 10%

Tested Operating Conditions

Temperature	-40°C to 85°C
Max Load	2400 Pascal front and 2400 Pascal back

Mechanical and System Design Data

Dimensions H x W x D	1820 x 1000 x 42 mm
Weight	24 kg
Maximum system voltage	1000 V
Limiting reverse current I _R	15 A
Cells	66 x 6" poly crystalline
Frame	ProFix® Silver anodised aluminium frame with hollow chamber
Glass	4 mm highly transparent low-iron tempered safety glass
Junction Box	ProConnect® IP65 Junction Box with patented connection system
Cabling	2 x 4 mm ² cabling with Multi Contact MC 4 Connectors

Warranty

Warranty	25 year power warranty, 5 year product warranty. For details see our Warranty Conditions
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This datasheet is not legally binding. Actual specifications and/or product features may deviate.
Caution: Read Safety and Installation Instructions before using the Product. See our website for more details.