

Have sun!

On modules & mounting systems

15 years
combination
warranty



Environmental impacts

Maximum lifetime under extreme conditions like high salt or ammonia exposure.

Ribbons

Improved light efficiency with angled light irradiation benefited by round cell connector design.

Multi-busbar technology

Reduced power and shading losses by using of 9 cell connectors.

Aesthetic design

Elegant black design for a homogeneous and high-quality appearance.

[Product datasheet](#)

IBC MonoSol 395 | 400 GS10-HC Black

Elegant black design and
high-performance in combination.

Online shop:
Find our products
and further
information here.



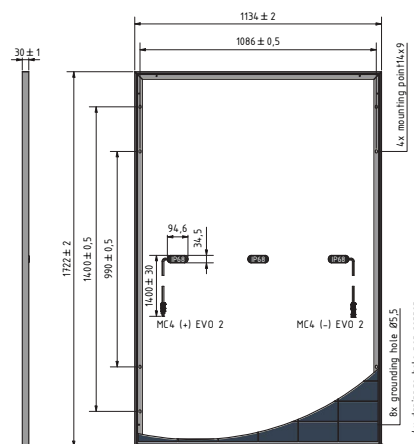
Management
System
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
www.tuv.com
ID: 9105698440



IEC 61215
IEC 61730
Regular Production
Surveillance
www.tuv.com
ID: 1111256460



Have sun!



IBC MonoSol	395 GS10-HC Black	400 GS10-HC Black
Article number	2005800016	2005800014
Electrical data (STC)²		
STC Power Pmax (Wp)	395	400
STC Nominal Voltage Umpp (V)	30.92	31.09
STC Nominal Current Impp (A)	12.77	12.86
STC Open Circuit Voltage Uoc (V)	36.8	37.0
STC Short Circuit Current Isc (A)	13.52	13.65
Module Efficiency (%)	20.2	20.5
Power Tolerance (W)	-0/+5	-0/+5
Electrical data (NMOT)		
NMOT (°C)	41	41
800 W/m ² NMOT AM 1.5 Power Pmax (Wp)	295.25	298.99
800 W/m ² NMOT AM 1.5 Nominal Voltage Umpp (V)	28.83	28.99
800 W/m ² NMOT AM 1.5 Open Circuit Voltage Uoc (V)	34.79	34.98
800 W/m ² NMOT AM 1.5 Short Circuit Current Isc (A)	10.98	11.07
Relative Efficiency Reduction at 200 W/m ² (%)	3.5	3.5
Temperature coefficient (linear)		
Tempcoeff Isc (%/°C)	0.045	0.045
Tempcoeff Uoc (mV/°C)	-99.36	-99.90
Tempcoeff Pmpp (%/°C)	-0.35	-0.35

Operating conditions	
Max. System Voltage (V)	1000
Application Class	A
Reverse Current Ir (A)	25
Fuse protection from parallel strings	2
Protection class	II (DIN EN 61140)
Fire protection	Class C (IEC 61730-ANSI/UL790)
Mechanical properties	
Dimensions (L × W × H in mm)	1722 × 1134 × 30
Weight (kg)	21.6
Max. Test load, Push/Pull (Pa)	5400/2400
Max. Design load ² , Push/Pull (Pa)	3600/1600
Front sheet (mm)	3.2 (low-iron photovoltaic glass and anti-reflective coating)
Frame	anodized aluminium, sturdy hollow-chamber frame
Cells	12 × 9 mono-crystalline silicon cells
Connection type	MC4
Warranties and certification	
Product warranty	15 years ¹
Performance warranty	25 years ¹
Annual degradation	year 1 2.5% year 2-25 0.7%
Certification	IEC 61215, IEC 61730-1/-2, ISO 9001, ISO 14001, OHSAS 18001
Packaging information	
Number of modules per pallet	36
Number of pallets per 40' container	26
Dimensions incl. pallet (L × W × H in mm)	1744 × 1115 × 1247
Gross weight incl. double pallet (kg)	821.6
Stackability per pallet	2-fold

1) The linear power and product warranty are only valid for installations within Europe and Japan. The warranty requires installation according to the valid installation instructions. Standard test conditions: 1000 W/m² irradiation with a spectral distribution of AM 1.5 and a cell temperature of 25°C. 800 W/m², NOCT. Information according to EN 60904-3 (STC). All values according to DIN EN 50380. Errors and changes reserved. The precise conditions and content can be taken from the respectively valid version of the product and power warranty, which you can obtain from your IBC Premium Partner.

2) Loads according to IEC 61215-2:2016, max. design load

3) Measurement tolerances +/- 3% at STC: 1000 W/m², 25 +/- 2 °C, AM 1.5

Your Premium Partner