

Have sun!

On modules & mounting systems

15 years
combination
warranty



[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.



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.

You also benefit from:

- a positive power tolerance (-0/+5W)
- increased mechanical stability (5400 Pa)
- a German guarantor
- 100% proved quality
- a 25-year performance warranty
- a 10-year product warranty



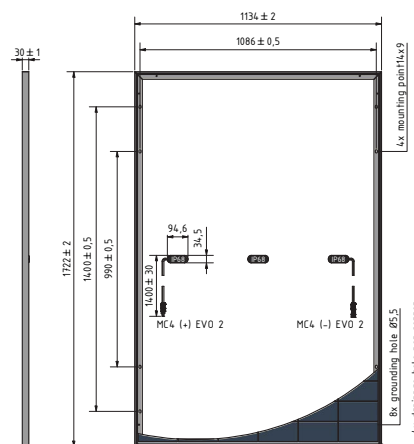
Management System
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
www.tuv.com
ID: 9105698440



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



Have sun!



IBC MonoSol	395 GS10-HC Black	400 GS10-HC Black	Operating conditions	
Article number	2005800016	2005800014	Max. System Voltage (V)	1000
Electrical data (STC)³			Application Class	A
STC Power Pmax (Wp)	395	400	Reverse Current Ir (A)	25
STC Nominal Voltage Umpp (V)	30.92	31.09	Fuse protection from parallel strings	2
STC Nominal Current Impp (A)	12.77	12.86	Protection class	II (DIN EN 61140)
STC Open Circuit Voltage Uoc (V)	36.8	37.0	Fire protection	Class C (IEC 61730-ANSI/UL790)
STC Short Circuit Current Isc (A)	13.52	13.65	Mechanical properties	
Module Efficiency (%)	20.2	20.5	Dimensions (L × W × H in mm)	1722 × 1134 × 30
Power Tolerance (W)	-0/+5	-0/+5	Weight (kg)	21.6
Electrical data (NMOT)			Max. Test load, Push/Pull (Pa)	5400/2400
NMOT (°C)	41	41	Max. Design load ² , Push/Pull (Pa)	3600/1600
800 W/m ² NMOT AM 1.5 Power Pmax (Wp)	295.25	298.99	Front sheet (mm)	3.2 (low-iron photovoltaic glass and anti-reflective coating)
800 W/m ² NMOT AM 1.5 Nominal Voltage Umpp (V)	28.83	28.99	Frame	anodized aluminium, sturdy hollow-chamber frame
800 W/m ² NMOT AM 1.5 Open Circuit Voltage Uoc (V)	34.79	34.98	Cells	12 × 9 mono-crystalline silicon cells
800 W/m ² NMOT AM 1.5 Short Circuit Current Isc (A)	10.98	11.07	Connection type	MC4
Relative Efficiency Reduction at 200 W/m ² (%)	3.5	3.5	Warranties and certification	
Temperature coefficient (linear)			Product warranty	10 years ¹
Tempcoeff Isc (%/°C)	0.045	0.045	Performance warranty	25 years ¹
Tempcoeff Uoc (mV/°C)	-99.36	-99.90	Annual degradation	year 1 2.5% year 2-25 0.7%
Tempcoeff Pmpp (%/°C)	-0.35	-0.35	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