



Mechanical Characteristics	
Product	Building Integrated PV Modules
Module type	JS380DG-30e 1/2
Connectors1	YT08-1A/18-01
	Baoding Yitong PV Science &Technology Co., Ltd.
Connectors2	PV-KST4-EVO 2/xy_UR (male)
	PV-KBT4-EVO 2/xy_UR (female)
	Staubli Electrical ConnectorsAG
Weight	67kg
Dimensions(mm*mm)	(1952~2554)x(1136~1292)x30/32/34/36/40/44
Producer	Made in china

Running Condition	
Operating Temp	-40°C~+85°C
Max. System Voltage	1500V
Max.Series Fuse Rating	20A
Max. Static load,front	5400pa
Max. Static load,back	2400pa
Design load [Pa]	3600(downward) / 1600 (upward)
Safety factors	1.5 (downward) / 1.5 (upward)
hail	Φ25mm/23m/s
fire resistance class	ClassA
Protection Class	Class II

Temperature Rating	
NOCT	-45°C±2°C
Temp Coefficient of P _{max}	-0.36%/°C
Temp Coefficient of V _{oc}	-0.30%/°C
Temp Coefficient of I _{sc}	0.05%/°C

Limited Power Warranty	
1st year degradation:	≤2.5%
25th year degradation	≤20%
Linear power warranty	25 years
Linear Product warranty	10 years

Electrical parameters at Standard Test Conditions (STC)	
Rated power (P _{max})	380W(±3%)
Rated voltage (V _{mpp})	31.83V
Rated current(I _{mpp})	11.94A
Open-circuit voltage(V _{oc})	40.49(±3%)
Short-circuit current(I _{sc})	12.97(±3%)
Power selection	0/+5W
Module Efficiency (η) / %	17%
STC: 1000W/m ² irradiance, 25°C cell temperature, AM1.5. (Measurement Tolerance: ±3%)	
Certifications	
IEC 61215-1: 2016	IEC 61215-1-1: 2016
IEC 61215-2: 2016	
IEC 61730-1: 2016	IEC 61730-2: 2016



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Transport and Custom Clearance company:

HANHEN GROUP

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Mechanical Characteristics	
Product	Building Integrated PV Modules
Module type	JS90DG-13e-2 1/2
Connectors1	YT08-1A/18-01
	Baoding Yitong PV Science & Technology Co., Ltd.
Connectors2	PV-KST4-EVO 2/xy_UR (male)
	PV-KBT4-EVO 2/xy_UR (female)
	Staubli Electrical ConnectorsAG
Weight	15.5kg
Dimensions(mm*mm)	(1392±9.5%)x(437±9.5%)x30/32/34/36/40/44
Producer	Made in china

Electrical parameters at Standard Test Conditions (STC)	
Rated power (P_{max}) ($\pm 3\%$)	90W
Rated voltage (V_{mpp})	14.99V
Rated current(I_{mpp})	6.00A
Open-circuit voltage(V_{oc})($\pm 3\%$)	20.37V
Short-circuit current(I_{sc})($\pm 3\%$)	6.47A
Power selection	0/+5W
Module Efficiency (η) / %	14.7%
STC: 1000W/m ² irradiance, 25°C cell temperature, AM1.5. (Measurement Tolerance: $\pm 3\%$)	

Certifications	
IEC 61215-1: 2016	IEC 61215-1-1: 2016
IEC 61215-2: 2016	
IEC 61730-1: 2016	IEC 61730-2: 2016

Running Condition	
Operating Temp	-40°C~+85°C
Max. System Voltage	1500V
Max.Series Fuse Rating	20A
Max. Static load,front	5400pa
Max. Static load,back	2400pa
Design load [Pa]	3600(downward) / 1600 (upward)
Safety factors	1.5 (downward) / 1.5 (upward)
hail	Φ25mm/23m/s
fire resistance class	ClassA
Protection Class	Class II



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Temperature Rating	
NOCT	-45°C±2°C
Temp Coefficient of P_{max}	-0.36%/°C
Temp Coefficient of V_{oc}	-0.30%/°C
Temp Coefficient of I_{sc}	0.05%/°C

Limited Power Warranty	
1st year degradation:	≤2.5%
25th year degradation	≤20%
Linear power warranty	25 years
Linear Product warranty	10 years

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Mechanical Characteristics

Product	Building Integrated PV Modules
Module type	JS60DG-9e-2 1/2
Connectors1	YT08-1A/18-01
	Baoding Yitong PV Science & Technology Co., Ltd.
Connectors2	PV-KST4-EVO 2/xy_UR (male)
	PV-KBT4-EVO 2/xy_UR (female)
	Staubli Electrical ConnectorsAG
Weight	8.5kg
Dimensions(mm*mm)	(981 ± 9.5%)x(437 ± 9.5%)x30/32/34/36/40/44
Producer	Made in china

Running Condition

Operating Temp	-40°C~+85°C
Max. System Voltage	1500V
Max.Series Fuse Rating	20A
Max. Static load,front	5400pa
Max. Static load,back	2400pa
Design load [Pa]	3600(downward) / 1600 (upward)
Safety factors	1.5 (downward) / 1.5 (upward)
hail	Φ25mm/23m/s
fire resistance class	ClassA
Protection Class	Class II

Temperature Rating

NOCT	-45°C±2°C
Temp Coefficient of P _{max}	-0.36%/°C
Temp Coefficient of V _{oc}	-0.30%/°C
Temp Coefficient of I _{sc}	0.05%/°C

Limited Power Warranty

1st year degradation:	≤2.5%
25th year degradation	≤20%
Linear power warranty	25 years
Linear Product warranty	10 years

Electrical parameters at Standard Test Conditions (STC)

Rated power (P _{max}) (±3%)	60W
Rated voltage (V _{mpp})	10.38V
Rated current(I _{mpp})	5.78A
Open-circuit voltage(V _{oc})(±3%)	14.10V
Short-circuit current(I _{sc})(±3%)	6.23A
Power selection	0/+5W
Module Efficiency (η) / %	14%
STC: 1000W/m ² irradiance, 25°C cell temperature, AM1.5. (Measurement Tolerance: ±3%)	

Certifications

IEC 61215-1: 2016	IEC 61215-1-1: 2016
IEC 61215-2: 2016	
IEC 61730-1: 2016	IEC 61730-2: 2016



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Mechanical Characteristics	
Product	Building Integrated PV Modules
Module type	JS35DG-5e-2 1/2
Connectors1	YT08-1A/18-01
	Baoding Yitong PV Science & Technology Co., Ltd.
Connectors2	PV-KST4-EVO 2/xy_UR (male)
	PV-KBT4-EVO 2/xy_UR (female)
	Staubli Electrical ConnectorsAG
Weight	5kg
Dimensions(mm*mm)	(570 ± 9.5%)x(437 ± 9.5%)x30/32/34/36/40/44
Producer	Made in china

Electrical parameters at Standard Test Conditions (STC)	
Rated power (P _{max}) (±3%)	35W
Rated voltage (V _{mpp})	5.77V
Rated current(I _{mpp})	6.07A
Open-circuit voltage(V _{oc})(±3%)	7.83V
Short-circuit current(I _{sc})(±3%)	6.54A
Power selection	0/+5W
Module Efficiency (η) / %	14%
STC: 1000W/m ² irradiance, 25°C cell temperature, AM1.5. (Measurement Tolerance: ±3%)	

Certifications	
IEC 61215-1: 2016	IEC 61215-1-1: 2016
IEC 61215-2: 2016	
IEC 61730-1: 2016	IEC 61730-2: 2016

Running Condition	
Operating Temp	-40°C~+85°C
Max. System Voltage	1500V
Max.Series Fuse Rating	20A
Max. Static load,front	5400pa
Max. Static load,back	2400pa
Design load [Pa]	3600(downward) / 1600 (upward)
Safety factors	1.5 (downward) / 1.5 (upward)
hail	Φ25mm/23m/s
fire resistance class	ClassA
Protection Class	Class II



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Temp Coefficient of I _{sc}	0.05%/°C

Limited Power Warranty	
1st year degradation	≤2.5%
25th year degradation	≤20%
Linear power warranty	25 years
Linear Product warranty	10 years

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