SOLAR MODULES

EQS165D-24

EQS175D-24 EQS170D-24
EQS165D-24 EQS160D-24

Specifications

Cell	mono-crystalline silicon solar cells 125×125mm
No. of cells and connections	72(6×12)
Dimension of module (mm)	1580x808x35
Weight	15Kg

Characteristics

Model	EQS175D-24	EQS170D-24	EQS165D-24	EQS160D-24
Open circuit voltage(Voc)	44.5V	44.3V	44.0V	43.7V
Optimum operating voltage(Vmp)	35.43V	35.3V	34.9V	34.4V
Short circuit current(Isc)	5.41A	5.29A	5.18A	5.07A
Optimum operating current(Imp)	4.94A	4.82A	4.73A	4.65A
Maximum Power at STC(Pm)	175Wp	170Wp	165Wp	160Wp

STC: Irradiance 1000W/㎡, Module temperature 25℃, AM=1.5

Limits

Operating temperature	-40~ +85℃
Maximum system voltage	1000 V DC

Temperature and Coefficients

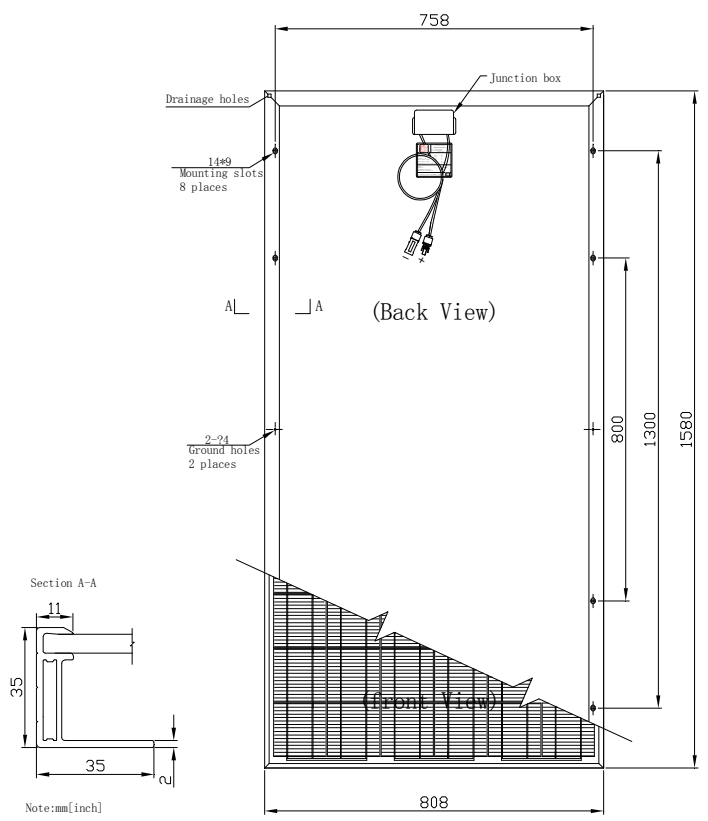
NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	LAPP(4.0mm^2)
Asymmetrical lengths	900mm (−), 900mm(+)
Connection	MC4

Blueprint of the module



SOLAR MODULES

EQS165P-24

EQS175P-24 EQS170P-24
EQS165P-24 EQS160P-24

Specifications

Cell	polycrystalline silicon solar cells 125×125mm
No. of cells and connections	72(6×12)
Dimension of module (mm)	1580×808×35
Weight	15Kg

Characteristics

Model	EQS175P-24	EQS170P-24	EQS165P-24	EQS160P-24
Open circuit voltage(Voc)	44.5V	44.3V	44.0V	43.7V
Optimum operating voltage(Vmp)	35.42V	35.2V	34.8V	34.3V
Short circuit current(Isc)	5.41A	5.29A	5.18A	5.07A
Optimum operating current(Imp)	4.94A	4.83A	4.74A	4.66A
Maximum Power at STC(Pm)	175Wp	170Wp	165Wp	160Wp

STC: Irradiance 1000W/㎡, Module temperature 25℃, AM=1.5

Limits

Operating temperature	-40 ~ +85℃
Maximum system voltage	1000 V DC

Temperature and Coefficients

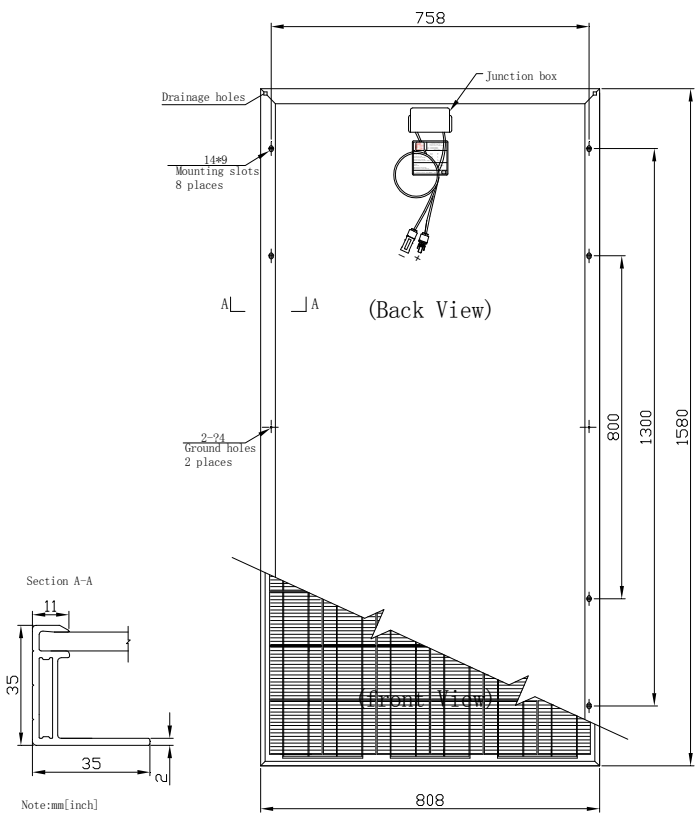
NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	LAPP(4.0mm^2)
Asymmetrical lengths	900mm (－) ,900mm(+)
Connection	MC4

Blueprint of the module



SOLAR MODULES

EQS080D-12

EQS090D-12 EQS085D-12
EQS080D-12 EQS075D-12

Specifications

Cell	mono-crystalline silicon solar cells 125×125mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	1196×541×30
Weight	8 Kg

Characteristics

Model	EQS090D-12	EQS085D-12	EQS080D-12	EQS075D-12
Open circuit voltage(Voc)	22.4V	22.2V	21.8V	21.3V
Optimum operating voltage(Vmp)	17.7V	17.6V	17.2V	17.2V
Short circuit current(Isc)	5.5A	5.29A	5.07A	4.88A
Optimum operating current(Imp)	5.08A	4.82A	4.65A	4.36A
Maximum Power at STC(Pm)	90Wp	85Wp	80Wp	75Wp

STC: Irradiance 1000W/㎡,Module temperature 25℃,AM=1.5

Limits

Operating temperature	-40~+85℃
Maximum system voltage	715 V DC

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Temperature and Coefficients

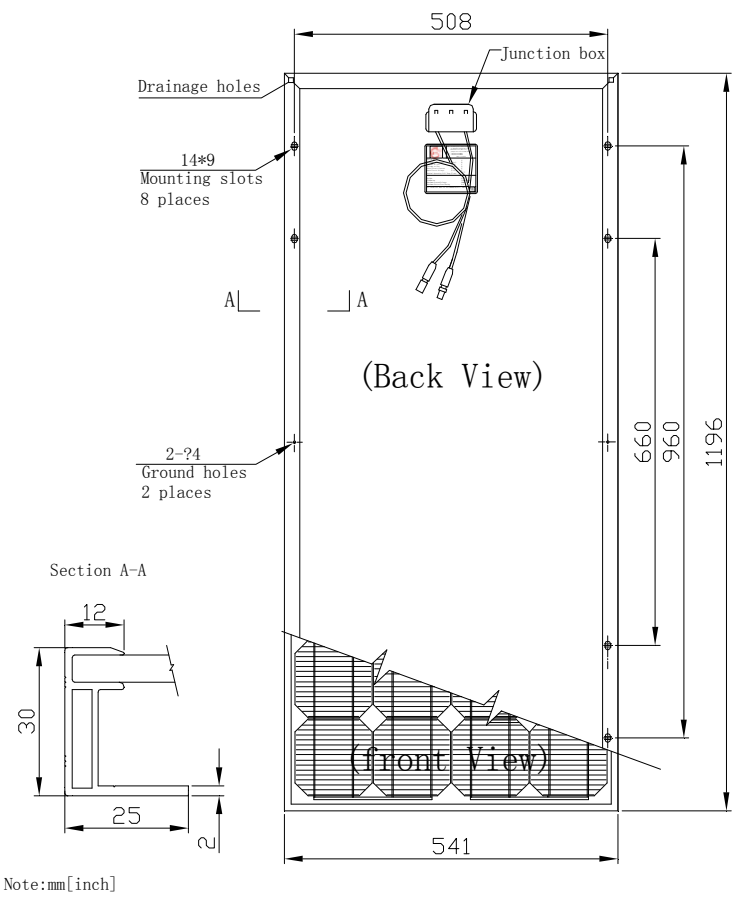
NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	NanYang(4.0mm^2)
Asymmetrical lengths	700mm(-),700mm(+)
Connection	CY-C1

Blueprint of the module



Note:mm[inch]

SOLAR MODULES

EQS080P-12

EQS090P-12 EQS085P-12
EQS080P-12

Specifications

Cell	polycrystalline silicon solar cells 125×125mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	1196×541×30
Weight	8 Kg

Characteristics

Model	EQS090P-12	EQS085P-12	EQS080P-12
Open circuit voltage(Voc)	22.4V	22.2V	21.8V
Optimum operating voltage(Vmp)	17.6V	17.5V	17.2V
Short circuit current(Isc)	5.51A	5.29A	5.07A
Optimum operating current(Imp)	5.11A	4.86A	4.65A
Maximum Power at STC(Pm)	90Wp	85Wp	80Wp

STC: Irradiance 1000W/㎡,Module temperature 25℃,AM=1.5

Limits

Operating temperature	-40~ +85℃
Maximum system voltage	715 V DC

Temperature and Coefficients

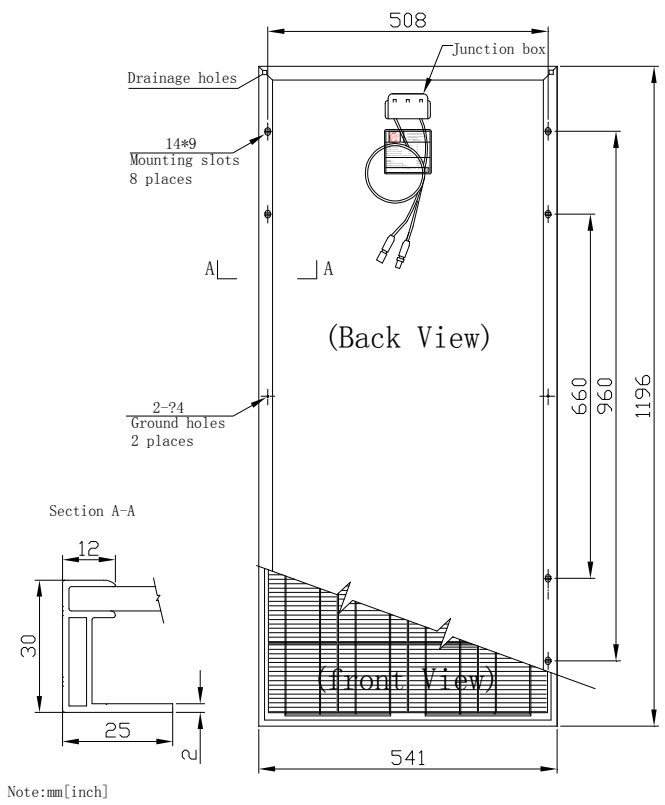
NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	NanYang(4.0mm^2)
Asymmetrical lengths	700mm(-) ,700mm(+)
Connection	CY-C1

Blueprint of the module



Note:mm[inch]

SOLAR MODULES

EQS040D-12

EQS040D-12

Specifications

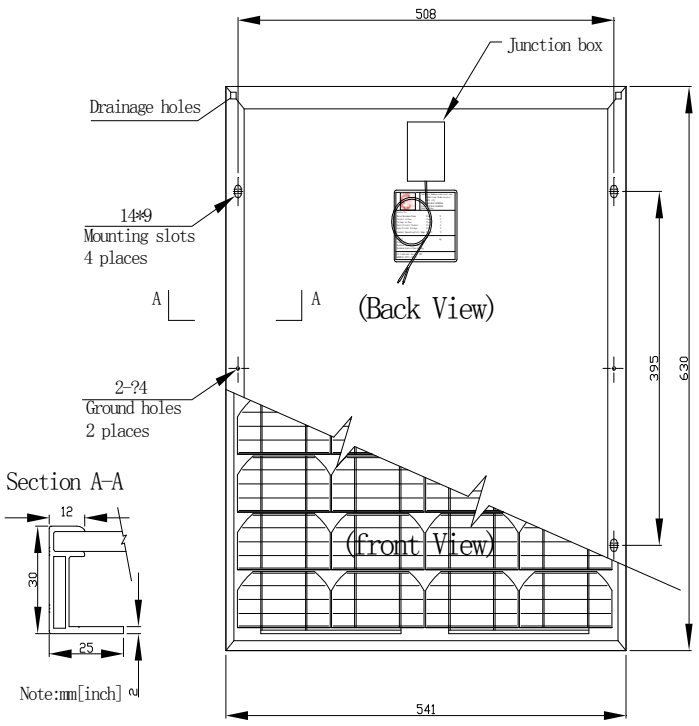
Cell	mono-crystalline silicon solar cells 125×62.5mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	630×541×30
Weight	4 Kg

Characteristics

Model	EQS040D-12
Open circuit voltage(Voc)	21.8V
Optimum operating voltage(Vmp)	17.2V
Short circuit current(Isc)	2.54A
Optimum operating current(Imp)	2.33A
Maximum Power at STC(Pm)	40Wp

STC: Irradiance 1000W/㎡, Module temperature 25℃, AM=1.5

Blueprint of the module



Limits

Operating temperature	-40 ~ +85℃
Maximum system voltage	715 V DC

Temperature and Coefficients

NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	JingYi(2×0.75㎜^{2})
Lengths	500mm

SOLAR MODULES

EQS040P-12

EQS040P-12

Specifications

Cell	polycrystalline silicon solar cells 125×62.5mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	630×541×30
Weight	4 Kg

Characteristics

Model	EQS040P-12
Open circuit voltage(Voc)	21.8V
Optimum operating voltage(Vmp)	17.2V
Short circuit current(Isc)	2.54A
Optimum operating current(Imp)	2.33A
Maximum Power at STC(Pm)	40Wp

STC: Irradiance 1000W/㎡, Module temperature 25℃, AM=1.5

Limits

Operating temperature	-40 ~ +85℃
Maximum system voltage	715 V DC

Temperature and Coefficients

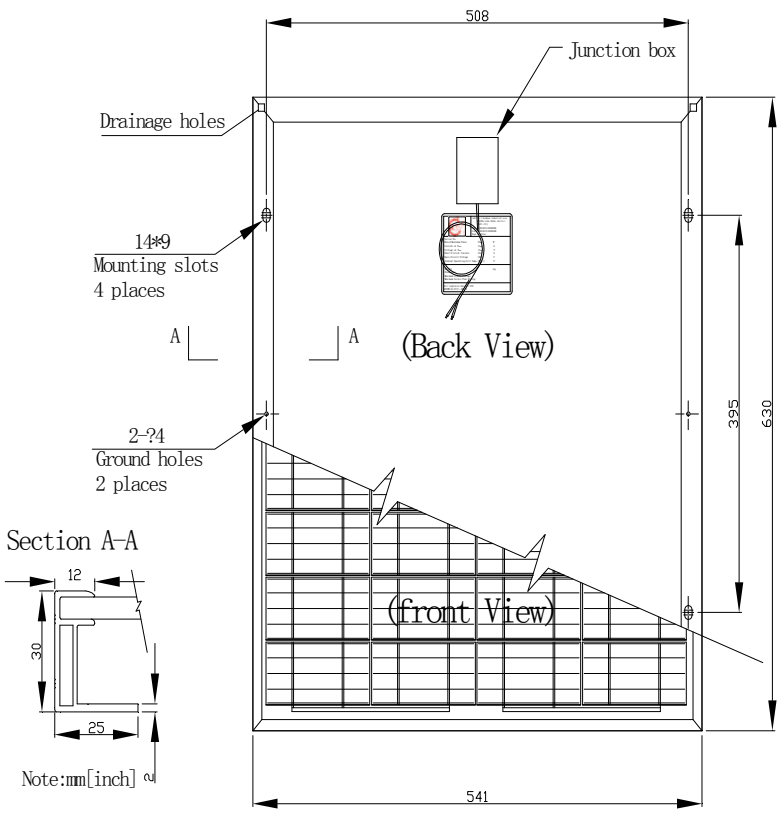
NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction bo
Cable	JingYi(2×0.75㎟)
Lengths	500mm

Blueprint of the module



SOLAR MODULES

EQS020D-12

EQS020D-12

Specifications

Cell	mono-crystalline silicon solar cells 62.5×62.5mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	640×306×18
Weight	2.2 Kg

Characteristics

Model	EQS020D-12
Open circuit voltage(Voc)	21.9V
Optimum operating voltage(Vmp)	17.5V
Short circuit current(Isc)	1.19A
Optimum operating current(Imp)	1.14A
Maximum Power at STC(Pm)	20Wp

STC: Irradiance 1000W/㎡, Module temperature 25℃, AM=1.5

Limits

Operating temperature	-40 ~ +85℃
Maximum system voltage	715 V DC

Temperature and Coefficients

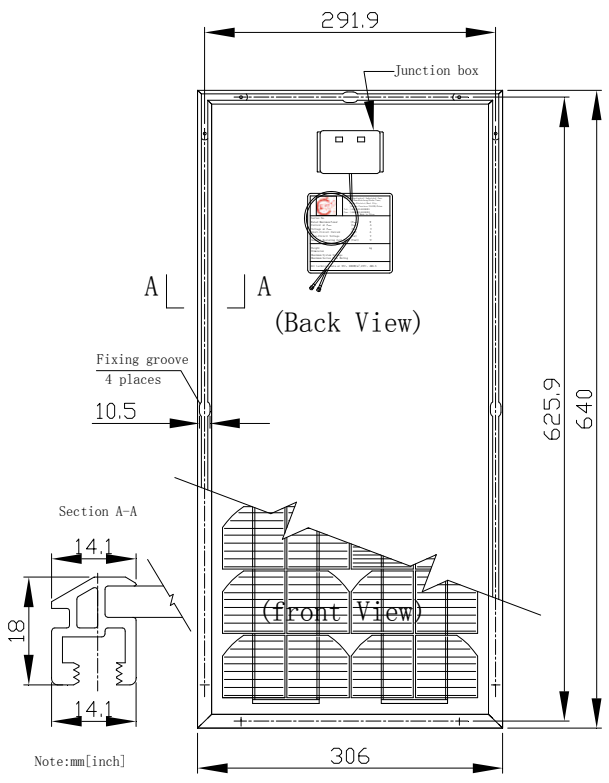
NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	JingYi(2×0.75㎜²)
Lengths	500mm

Blueprint of the module



SOLAR MODULES

EQS020P-12

EQS020P-12

Specifications

Cell	polycrystalline silicon solar cells 62.5×62.5mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	640×306×18
Weight	2.2 Kg

Characteristics

Model	EQS020P-12
Open circuit voltage(Voc)	21.9V
Optimum operating voltage(Vmp)	17.3V
Short circuit current(Isc)	1.19A
Optimum operating current(Imp)	1.16A
Maximum Power at STC(Pm)	20Wp

STC: Irradiance 1000W/㎡, Module temperature 25℃, AM=1.5

Limits

Operating temperature	-40 ~+85℃
Maximum system voltage	715 V DC

Temperature and Coefficients

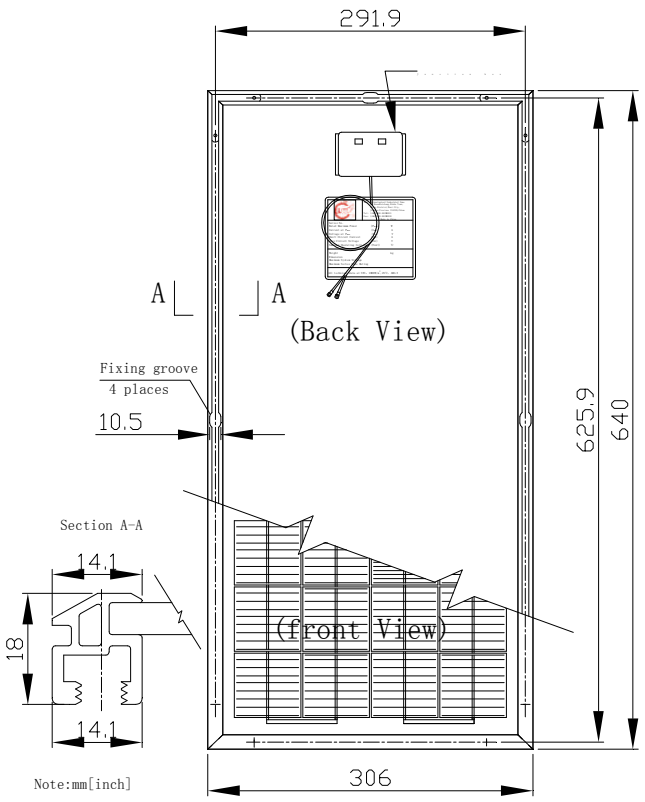
NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	JingYi(2×0.75㎜^{2})
Lengths	500mm

Blueprint of the module



SOLAR MODULES

EQS010D-12

EQS010D-12

Specifications

Cell	mono-crystalline silicon solar cells 62.5×31.25mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	360×306×18
Weight	1.2 Kg

Characteristics

Model	EQS010D-12
Open circuit voltage(Voc)	21.3V
Optimum operating voltage(Vmp)	16.7V
Short circuit current(Isc)	0.68A
Optimum operating current(Imp)	0.60A
Maximum Power at STC(Pm)	10Wp

STC: Irradiance 1000W/㎡, Module temperature 25℃, AM=1.5

Limits

Operating temperature	-40~ +85℃
Maximum system voltage	715 V DC

Temperature and Coefficients

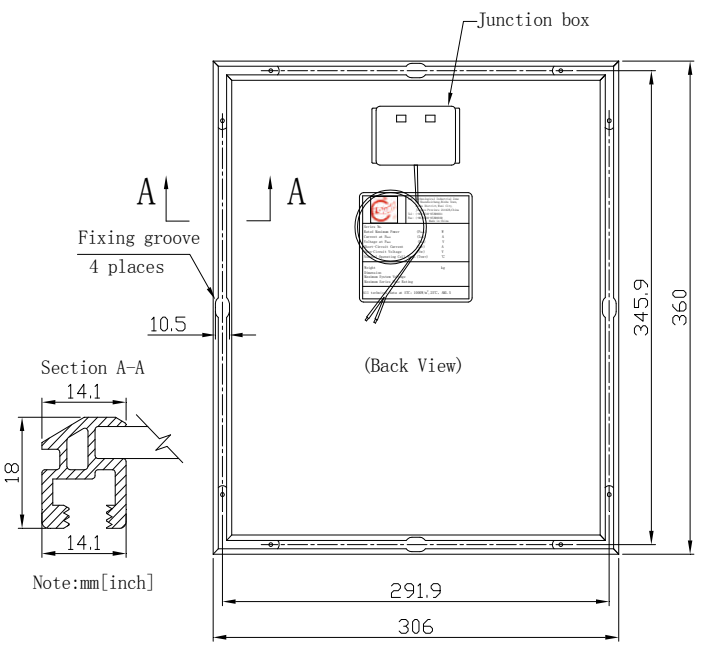
NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	JingYi(2×0.75㎜²)
Lengths	500mm

Blueprint of the module



SOLAR MODULES

EQS010P-12

EQS010P-12

Specifications

Cell	polycrystalline silicon solar cells 62.5×31.25mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	640×306×18
Weight	2.2 Kg

Characteristics

Model	EQS010P-12
Open circuit voltage(Voc)	21.3V
Optimum operating voltage(Vmp)	16.6V
Short circuit current(Isc)	0.68A
Optimum operating current(Imp)	0.60A
Maximum Power at STC(Pm)	10Wp

STC: Irradiance 1000W/㎡, Module temperature 25℃, AM=1.5

Limits

Operating temperature	-40 ~ +85℃
Maximum system voltage	715 V DC

Temperature and Coefficients

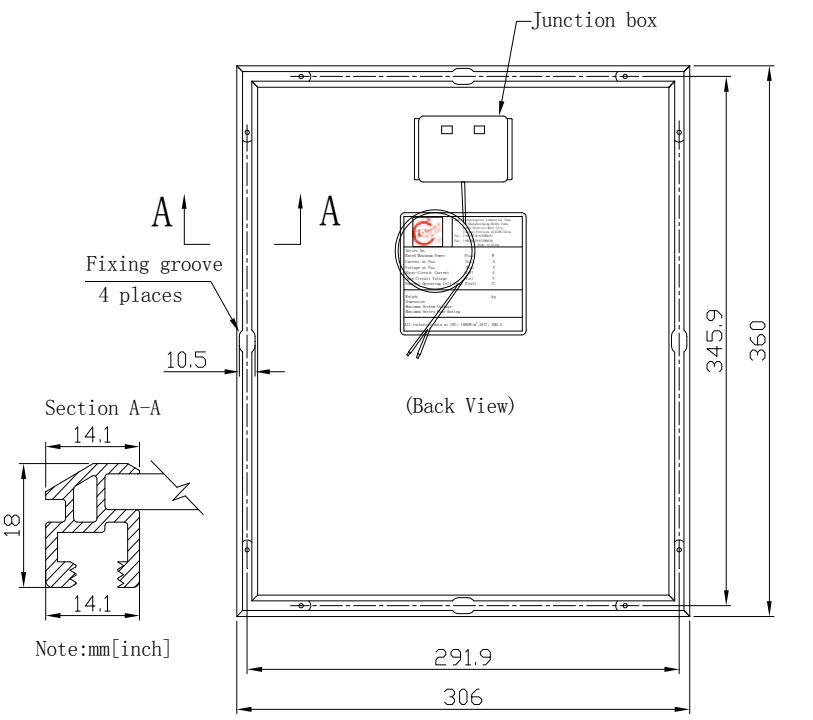
NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	JingYi(2×0.75㎜²)
Lengths	500mm

Blueprint of the module



SOLAR MODULES

EQS005D-12

EQS005D-12

Specifications

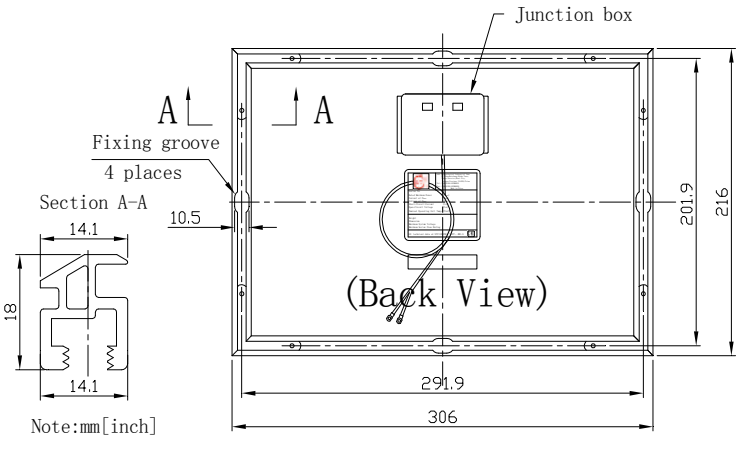
Cell	mono-crystalline silicon solar cells62.5×15.625mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	216×306×18
Weight	1 Kg

Characteristics

Model	EQS005D-12
Open circuit voltage(Voc)	21.3 V
Optimum operating voltage(Vmp)	16.7 V
Short circuit current(Isc)	0.33 A
Optimum operating current(Imp)	0.30 A
Maximum Power at STC(Pm)	5 Wp

STC: Irradiance 1000W/㎡,Module temperature 25℃,AM=1.5

Blueprint of the module



Limits

Operating temperature	-40~+85℃
Maximum system voltage	715 V DC

Temperature and Coefficients

NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	JingYi(2×0.75mm^2)
Lengths	500mm

SOLAR MODULES

EQS005P-12

EQS005P-12

Specifications

Cell	polycrystalline silicon solar cells 62.5×15.625mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	216×306×18
Weight	1 Kg

Characteristics

Model	EQS005P-12
Open circuit voltage(Voc)	21.3 V
Optimum operating voltage(Vmp)	16.6V
Short circuit current(Isc)	0.33 A
Optimum operating current(Imp)	0.30 A
Maximum Power at STC(Pm)	5 Wp

STC: Irradiance 1000W/㎡, Module temperature 25℃, AM=1.5

Limits

Operating temperature	-40 ~+85℃
Maximum system voltage	715 V DC

Temperature and Coefficients

NOCT	47℃
Current temperature coefficient	(0.065±0.015)%mA/℃
Voltage temperature coefficient	-0.38% mV/℃
Power temperature coefficient	-(0.5±0.05)%/ ℃

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	JingYi(2×0.75㎜²)
Lengths	500mm

Blueprint of the module