

Let the sun change the life





高质量太阳能组件 High Quality Solar Panel KD-P270W--290W

型号

Module type:

KD-P270W, KD-P275W, KD-P280W,
KD-P285W, KD-P290W

装柜量 Packing Configuration	35mm边框 35mmFrame		
Container 集装箱	20FT	40GP	40HQ
Pieces per pallet 每托盘数量	60	60	68
Pallets per container 每集装箱托盘数	6	14	14
Pieces per container 每集装箱数量	360	840	938

组件最高功率

Highest module efficiency:

17.83%



正公差

Positive tolerance offer: 0~+5w

材料和工艺质保

Material & Workmanship warranty:

12 years



欧洲大银行能接受

TUV bankable in all European big banks

输出功率保证

Linear power output warranty:

25 years



证书能承受风速(2400 pa)和机械负载(5400 pa)

Certificated to withstand wind (2400pa) and mechanical load (5400pa)



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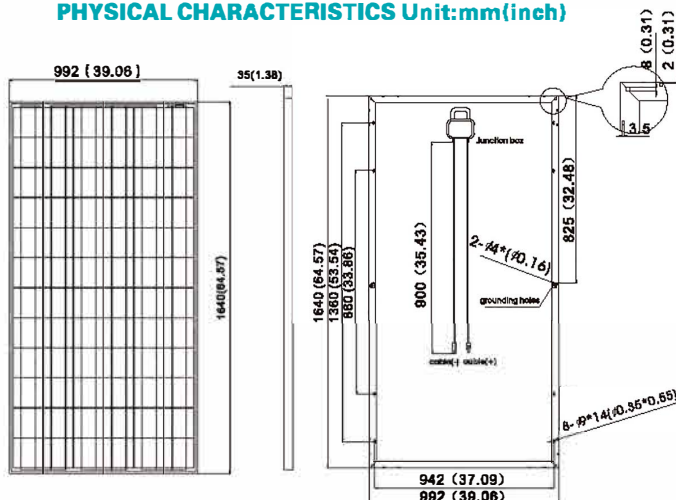
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规格 Specifications



Type 型号	KD-P290	KD-P285	KD-P280	KD-P275	KD-P270
Wattage(w) 瓦数	290	285	280	275	270
Open Circuit Voltage (V) 开路电压	39.10	38.90	38.70	38.40	38.20
Short Circuit Current (I) 短路电流	9.63	9.54	9.46	9.28	9.20
Maximum Power Voltage (V) 最大输出电压	32.00	31.80	31.60	31.50	31.20
Maximum Power Current (I) 最大输出电流	9.06	8.96	8.86	8.74	8.66
Cell Efficiency (%) 电池片效率	20.00%	19.60%	19.20%	18.90%	18.50%
Module Efficiency (%) 组件效率	17.83%	17.53%	17.21%	16.90%	16.60%
Maximum System Voltage (V) 最大系统电压	DC1000V				
Temperature Coefficient of Voc VOC温度系数	-0.27%/°C				
Temperature Coefficient of Isc Isc温度系数	+0.045%/°C				
Temperature Coefficient of Pmax Pmax温度系数	-0.408%/°C				
Maximum Series Fuse Rating 最大串联保险丝额定电流(A)	15A				
Number of Cells 电池片数量	6x10 5BB				
Junction Box 接线盒	Ip67 Rated with 3 by pass diodes IP67 等级 带3个旁路二极管				
Cable 电缆	Length 900mm, 4mm ²				
Tempered Glass 钢化玻璃	3.2mm(0.13 inches) tempered glass 3.2mm (0.13 英寸) 钢化玻璃				
Cell Encapsulation 电池片封装	EVA (Ethylene-Vinyl-Acetate)				
Back Sheet 背板	Triple-layer 三层				
Frame 边框	Anodized aluminum alloy 铝合金				
Dimension 尺寸	1640x992*35mm(64.57x39.06x1.38 inches)				
Maximum Surface Load Capacity 最大表面负荷	5400Pa				
Hail 撞击	steel ball fall down from 1m height 钢球从1米高度跌落				
Temperature Range 温度范围	-40°C to +85°C				
Weight 重量	18.0Kg(39.7lbs)				

物理特性 单位:毫米(英寸)
PHYSICAL CHARACTERISTICS Unit:mm(inch)

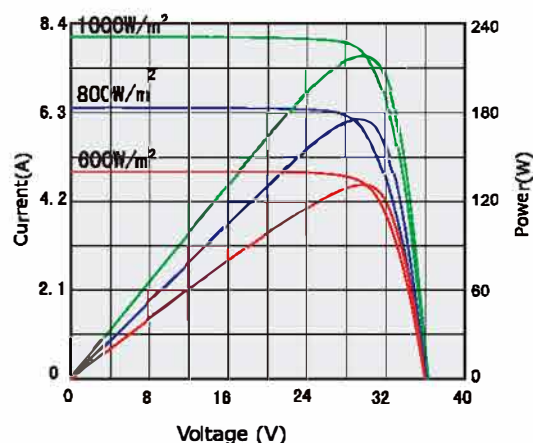


电气参数

ELECTRICAL CHARACTERISTICS

电气性能(组件温度:25°C)

Electrical performance (cell temperature:25°C)





高质量太阳能组件 High Quality Solar Panel KD-P320W--340W

型号 Module type:

KD-P320W, KD-P325W, KD-P330W,
KD-P335W, KD-P340W

装柜量 Packing Configuration	40mm边框 40mmFrame		
Container 集装箱	20FT	40GP	40HQ
Pieces per pallet 每托盘数量	54	54	61
Pallets per container 每集装箱托盘数	5	11	11
Pieces per container 每集装箱数量	270	594	660

组件最高功率 Highest module efficiency:

17.51%

材料和工艺质保 Material & Workmanship warranty:

12 years

输出功率保证 Linear power output warranty:

25 years



正公差
Positive tolerance offer: 0~+5w



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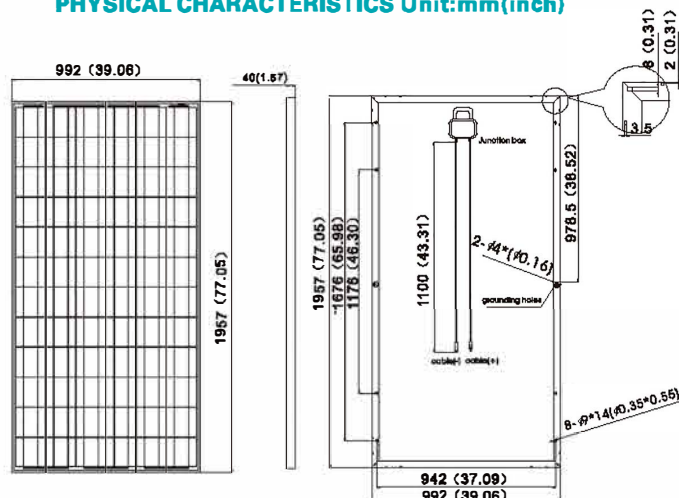
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规格 Specifications



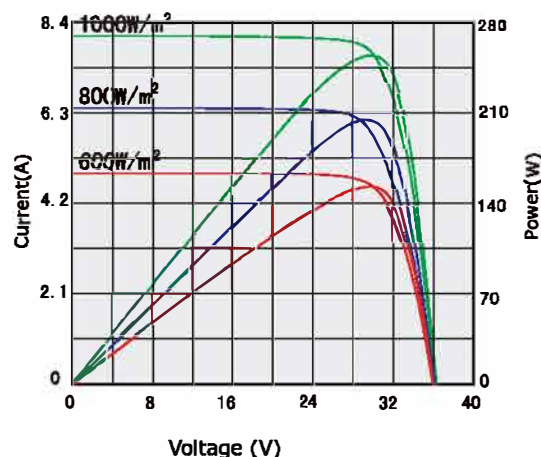
Type 型号	KD-P340	KD-P335	KD-P330	KD-P325	KD-P320
Wattage(w) 瓦数	340	335	330	325	320
Open Circuit Voltage (V) 开路电压	46.50	46.30	46.10	46.00	45.60
Short Circuit Current (I) 短路电流	9.45	9.40	9.30	9.20	9.16
Maximum Power Voltage (V) 最大输出电压	38.20	37.80	37.70	37.50	37.00
Maximum Power Current (I) 最大输出电流	8.90	8.87	8.76	8.67	8.65
Cell Efficiency (%) 电池片效率	19.50%	19.20%	18.90%	18.60%	18.30%
Module Efficiency (%) 组件效率	17.51%	17.26%	17.00%	16.74%	16.48%
Maximum System Voltage (V) 最大系统电压	DC1000V				
Temperature Coefficient of Voc VOC温度系数	-0.27%/℃				
Temperature Coefficient of Isc Isc温度系数	+0.045%/℃				
Temperature Coefficient of Pmax Pmax温度系数	-0.408%/℃				
Maximum Series Fuse Rating 最大串联保险丝额定电流(A)	15A				
Number of Cells 电池片数量	6x12 5BB				
Junction Box 接线盒	Ip67 Rated with 3 bypass diodes IP67 等级 带3个旁路二极管				
Cable 电缆	Length 1100mm, 4mm ²				
Tempered Glass 钢化玻璃	3.2mm(0.13 inches) tempered glass 3.2mm (0.13 英寸) 钢化玻璃				
Cell Encapsulation 电池片封装	EVA (Ethylene-Vinyl-Acetate)				
Back Sheet 背板	Composite film 复合				
Frame 边框	Anodized aluminum alloy 铝合金				
Dimension 尺寸	1957x992*40mm(77.05x39.06x1.57 inches)				
Maximum Surface Load Capacity 最大表面负荷	5400Pa				
Hail 撞击	maximum diameter of 25mm with impact speed of 23 m-s ⁻¹ 最大直径25毫米的23 m-s ⁻¹ 速度的影响				
Temperature Range 温度范围	-40℃ to +85℃				
Weight 重量	22.5Kg(49.6lbs)				

物理特性 单位:毫米(英寸)
PHYSICAL CHARACTERISTICS Unit:mm(inch)



电气参数
ELECTRICAL CHARACTERISTICS

电气性能(组件温度:25℃)
Electrical performance (cell temperature:25℃)





高质量太阳能组件 High Quality Solar Panel KD-M280W--300W

型号

Module type:

KD-M280W, KD-M285W, KD-M290W,
KD-M295W, KD-M300W

装柜量 Packing Configuration	35mm边框 35mmFrame		
Container 集装箱	20FT	40GP	40HQ
Pieces per pallet 每托盘数量	60	60	68
Pallets per container 每集装箱托盘数	6	14	14
Pieces per container 每集装箱数量	360	840	938

组件最高功率

Highest module efficiency:

18.13%

材料和工艺质保

Material & Workmanship warranty:

12 years

输出功率保证

Linear power output warranty:

25 years



正公差

Positive tolerance offer: 0~+5w



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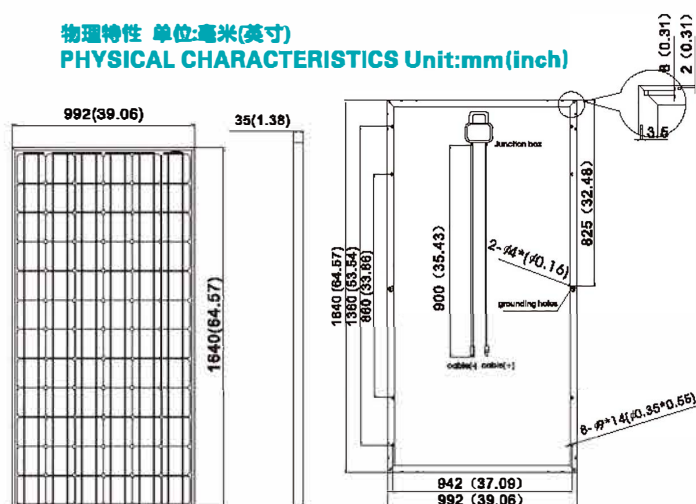
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规格 Specifications



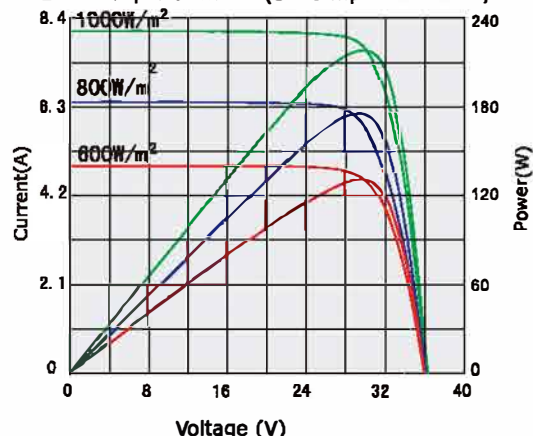
Type 型号	KD-M300	KD-M295	KD-M290	KD-M285	KD-M280
Wattage(w) 瓦数	300	295	290	285	280
Open Circuit Voltage (V) 开路电压	40.10	39.64	39.46	39.25	39.22
Short circuit Current (I) 闭路电流	9.72	9.67	9.56	9.45	9.31
Maximum Power Voltage (V) 最大输出电压	32.60	32.29	32.07	32.00	31.95
Maximum Power Current (I) 最大输出电流	9.32	9.23	9.11	8.91	8.77
Cell Efficiency (%) 电池片效率	21.10%	20.40%	20.00%	19.70%	19.30%
Module Efficiency (%) 组件效率	18.32%	18.13%	17.83%	17.52%	17.21%
Maximum System Voltage (V) 最大系统电压	DC1000V				
Temperature Coefficient of Voc VOC温度系数	-0.307%/℃				
Temperature Coefficient of Isc Isc温度系数	+0.04%/℃				
Temperature Coefficient of Pmax Pmax温度系数	-0.423%/℃				
Maximum Series Fuse Rating最大串联保险丝额定电流(A)	15A				
Number of Cells 电池片数量	6x10 5BB				
Junction Box 接线盒	Ip67 Rated with 3 bypass diodes IP67 等级 带3个旁路二极管				
Cable 电缆	Length 900mm, 4mm ²				
Tempered Glass 钢化玻璃	3.2mm(0.13 inches) tempered glass 3.2mm (0.13 英寸) 钢化玻璃				
Cell Encapsulation 电池片封装	EVA (Ethylene-Vinyl-Acetate)				
Back Sheet 背板	Triple-layer 三层				
Frame 边框	Anodized aluminum alloy 铝合金				
Dimension 尺寸	1640x992*35mm(64.57x39.06x1.38 inches)				
Maximum Surface Load Capacity 最大表面负荷	5400Pa				
Hail 撞击	steel ball fall down from 1m height 钢球从1米高度跌落				
Temperature Range 温度范围	-40℃ to +85℃				
Weight 重量	18.0Kg(39.7lbs)				

物理特性 单位:毫米(英寸)
PHYSICAL CHARACTERISTICS Unit:mm(inch)



电气参数
ELECTRICAL CHARACTERISTICS

电气性能(组件温度:25℃)
Electrical performance (cell temperature:25℃)





高质量太阳能组件 High Quality Solar Panel KD-M335W--355W

型号

Module type:

KD-M335W, KD-M340W, KD-M345W,
KD-M350W, KD-M355W

装柜量 Packing Configuration	40mm边框 40mmFrame		
Container 集装箱	20FT	40GP	40HQ
Pieces per pallet 每托盘数量	54	54	61
Pallets per container 每集装箱托盘数	5	11	11
Pieces per container 每集装箱数量	270	594	660

组件最高功率

Highest module efficiency:

18.29%

材料和工艺质保

Material & Workmanship warranty:

12 years

输出功率保证

Linear power output warranty:

25 years



正公差

Positive tolerance offer: 0-+5w



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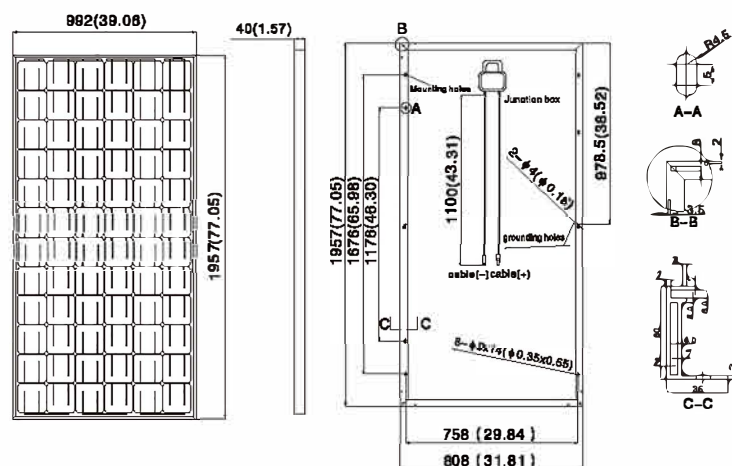
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规格 Specifications



Type 型号	KD-M355	KD-M350	KD-M345	KD-M340	KD-M335
Wattage(w) 瓦数	355	350	345	340	335
Open Circuit Voltage (V) 开路电压	47.63	47.37	47.13	46.91	46.73
Short Circuit Current (I) 短路电流	9.65	9.55	9.46	9.41	9.32
Maximum Power Voltage (V) 最大输出电压	38.70	38.55	38.39	38.17	38.09
Maximum Power Current (I) 最大输出电流	9.18	9.09	8.99	8.91	8.79
Cell Efficiency (%) 电池片效率	20.40%	20.20%	19.90%	19.60%	19.30%
Module Efficiency (%) 组件效率	18.29%	18.03%	17.77%	17.51%	17.26%
Maximum System Voltage (V) 最大系统电压	DC1000V				
Temperature Coefficient of Voc VOC温度系数	-0.307%/℃				
Temperature Coefficient of Isc Isc温度系数	+0.04%/℃				
Temperature Coefficient of Pmax Pmax温度系数	-0.423%/℃				
Maximum Series Fuse Rating 最大串联保险丝额定电流(A)	15A				
Number of Cells 电池片数量	6x12 5BB				
Junction Box 接线盒	Ip67 Rated with 3 bypass diodes IP67 等级 带3个旁路二极管				
Cable 电缆	Length 1100mm, 4mm ²				
Tempered Glass 钢化玻璃	3.2mm(0.13 inches) tempered glass 3.2mm (0.13 英寸) 钢化玻璃				
Cell Encapsulation 电池片封装	EVA (Ethylene-Vinyl-Acetate)				
Back Sheet 背板	Composite film 复合				
Frame 边框	Anodized aluminum alloy 铝合金				
Dimension 尺寸	1957x992*40mm(77.05x39.06x1.57 inches)				
Maximum Surface Load Capacity 最大表面负荷	5400Pa				
Hail 撞击	maximum diameter of 25mm with impact speed of 23 m/s-1 最大直径25毫米的23 m/s-1速度的影响				
Temperature Range 温度范围	-40℃ to +85℃				
Weight 重量	22.5Kg(49.6lbs)				

物理特性 单位:毫米(英寸) PHYSICAL CHARACTERISTICS Unit:mm(inch)

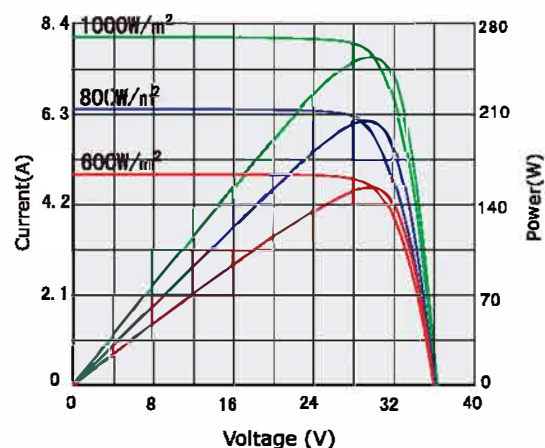


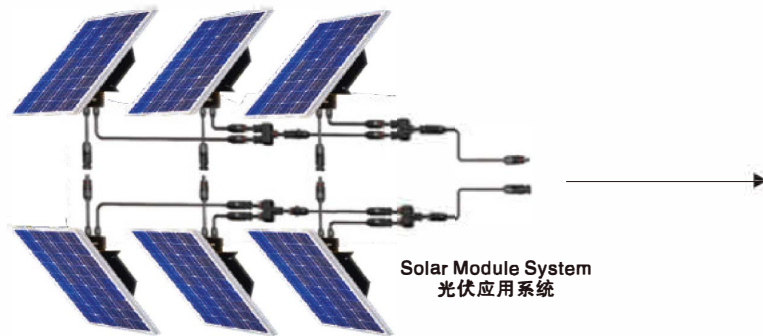
电气参数

ELECTRICAL CHARACTERISTICS

电气性能(组件温度:25℃)

Electrical performance (cell temperature:25℃)





太阳能系统 Solar System

太阳能家用系统 5.4KW离网 5.4KW Home Solar System

技术参数 Technical parameters

参数名称 Parameter	KD-P5400 Series
输出容量 Output capacity	5000VA
输出波形 Output waveform	纯正弦波 Pure sine wave
输出电流 Output current	22.7A
功率因素 Power element	0.8
工作效率 Work efficiency	>88%
输出电压 Output voltage	AC220V $\pm$ 3%
输出频率 Output frequency	50HZ $\pm$ 0.1%
过载能力 Overload ability	120%, 60seconds
太阳能板最大输出电流 Max output current solar panel	70A
太阳能板输出功率 Output power of solar panel	5400W
蓄电池容量 Battery capacity	300AH
蓄电池电压 Battery voltage	DC48V
主机尺寸 Size of host	650x600x1100mm
总重量 Weight	700KG
体积 Volume	0.43m ³
日发电量 Best output power everyday	22.5kwh

系统配置 System Components

产品 Components	规格型号 Description	数量 Quantity
光伏组件 Solar panel	Poly solar panel 270W 31V	20pcs
组件支架 PV Rack	Rust corrosion resistant galvanizing angle iron	1set
太阳能充电控制器 Controller	96V/60A	1set
正弦波逆变器 Inveter	96V5KW Pure sine wave	1set
铅酸蓄电池 Battery	12V200AH Lead-acid battery	8pcs
电源柜 Power box	650x900x1200mm	1pcs
线缆 Cable	14mm ² Cable	150meter

负载使用说明 The System can support follow equipments

- | | |
|-------------------------------|---------------------------|
| 1. 10 pcs Energy Saver Bulbs | 5. 1pc 25" Colour TV |
| 2. 1pc Radio or CD/DVD player | 6. 1pc 1.5P Air-condition |
| 3. 1pc 200L Refrigerator | 7. 1pc Washing machine |
| 4. 2pc Laptop computer | |

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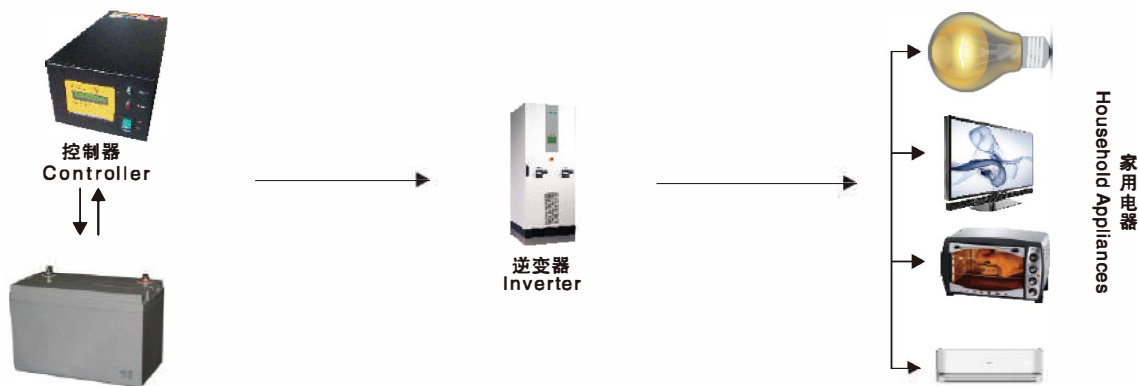
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太阳能家用系统 10KW离网 10KW Home Solar System

技术参数 Technical parameters

参数名称 Parameter	KD-P10800 Series
输出容量 Output capacity	10KVA
输出波形 Output waveform	纯正弦波 Pure sine wave
输出电流 Output current	45.4A
功率因素 Power element	0.8
工作效率 Work efficiency	>88%
输出电压 Output voltage	AC220V $\pm$ 3%
输出频率 Output frequency	50HZ $\pm$ 0.1%
过载能力 Overload ability	120%, 60seconds
太阳能板最大输出电流 Max output current solar panel	72.5A
太阳能板输出功率 Output power of solar panel	10800W
蓄电池容量 Battery capacity	600AH
蓄电池电压 Battery voltage	48V
主机尺寸 Size of host	650x600x1100mm
总重量 Weight	350KG
体积 Volume	0.43m ³
日发电量 Best output power everyday	34kwh

系统配置 System Components

产品 Components	规格型号 Description	数量 Quantity
光伏组件 Solar panel	Poly solar panel 270W 31V	40pcs
组件支架 PV Rack	Rust corrosion resistant galvanizing angle iron	1set
太阳能充电控制器 Controller	110V/80A	1set
正弦波逆变器 Inveter	110V11KW Pure sine wave	1set
铅酸蓄电池 Battery	12V180AH Lead-acid battery	22pcs
电源柜 Power box	650x900x1200mm	1pcs
线缆 Cable	50mm ² Cable	50meter

负载使用说明 The System can support follow equipments

- | | |
|-------------------------------|-------------------------|
| 1. 10 pcs Energy Saver Bulbs | 5. 1pc 25" Colour TV |
| 2. 1pc Radio or CD/DVD player | 6. 1pc 3P Air-condition |
| 3. 1pc 200L Refrigerator | 7. 1pc Washing machine" |
| 4. 2pc Laptop computer | |





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