

## UZ158HC (330-350) -60

### MONO CRYSTALLINE SOLAR MODULES 单晶硅太阳能电池



#### PRODUCT OVERVIEW 产品简介

- Uzon Photovoltaic's modules are optimally manufactured and adjusted to meet the needs of the current market; scientifically designed module dimension makes the installation simple and easy.
- 产品符合市场需求，尺寸设计科学合理、安装简便
- Our continuous efforts in quality assurance system and certifications the international authentication institutions of Uzon Solar's products demonstrate our commitment to product quality and customer requirements.
- 产品性能稳定、质量可靠，已获得国内外权威机构检测认证

#### MODULE CHARACTERISTICS 产品特点

- High efficiency crystalline silicon solar cells.
- 高效晶硅太阳能电池片
- High transmission low iron tempered glass, strong mechanical resistance.
- 高透光低铁钢化玻璃
- Standard waterproof junction box, with bypass diode.
- 标准防水接线盒（带二极管）.
- High endurance to different atrocious weather.
- 高耐候性
- Custom designed modules according to clients' requirement.
- 根据客户需求量身定制

#### MECHANICAL PARAMETERS 物理性能

Cell(mm)	Mono 158.75×158.75
电池片(mm)	单晶 158.75×158.75
Weight(kg)	20
重量(kg)	20
Dimensions(LxWxH)(mm)	1692×1002×35
尺寸(LxWxH)(mm)	1692×1002×35
Cable Length(mm)	≥800
线缆长度(mm)	≥800
Cable cross section size(mm <sup>2</sup> )	4
线缆截面大小	4
No. of cells and connections	60 (10×6×2)
电池片数量	60 (10×6×2)
No. of diodes	3
二极管数量	3
Packing configuration	31pcs/carton
包装	31pcs/carton

#### WORKING CONDITIONS 工作条件

Maximum System Voltage	DC 1500V
系统电压	DC 1500V
Operating Temp.	-40℃~+85℃
工作温度	-40℃~+85℃
Maximum Series Fuse (A)	20
最大保险系数(A)	20
Static loading	≥3600Pa
抗压	≥3600Pa
Grounding conductivity	≤0.1Ω
地表导电率	≤0.1Ω
NOCT	45±2℃
电池额定工作温度	45±2℃
Application Class	Class A
应用等级	A级
Insulation Resistance	≥100MΩ
绝缘电阻	≥100MΩ

#### GUARANTEE 质量保证

10-year limited product warranty.

十年产品质保

Limited performance warranty: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output

功率保证：输出功率 10 年内不低于额定功率的 90%，25 年内不低于额定功率的 80%

## UZ158MHC (330-350) -60

### MONO CRYSTALLINE SOLAR MODULES 单晶硅太阳能电池

#### ELECTRICAL PARAMETERS 电性能参数

TYPE 型号	UZ158MHC330-60	UZ158MHC335-60	UZ158MHC340-60	UZ158MHC345-60	UZ158MHC350-60
Pmax(w) 功率	330	335	340	345	350
(Voc/V)开路电压	41.32	41.61	41.88	42.16	42.42
(Vmp/V)峰值电压	34.17	34.44	34.69	34.96	35.21
(Isc/A)短路电流	10.14	10.22	10.30	10.38	10.46
(Imp/A)峰值电流	9.66	9.73	9.80	9.87	9.94
Power Tolerance 公差	0~±3W				
$\alpha$ Isc $\alpha$ 温度系数	+0.054%/°C				
$\beta$ Voc $\beta$ 温度系数	-0.318%/°C				
$\gamma$ Pmp $\gamma$ 温度系数	-0.42%/°C				
STC 标准测试条件	AM1.5,1000W/m <sup>2</sup> ·25°C				

#### I-V CURVE 曲线图

