

BROPV-M260 SERIES

Monocrystalline Solar Modules (60 Cells / 240 - 260 / 3BB)



ABOUT BROPV

BroPV Tech Company Limited is a leading PV manufacturer, which markets its products under the brand of "BROPV". With over 1 GW module manufacturing capacity and accumulatively 2 GW shipments to the global market, BroPV has became a fully experienced module supplier. With the established sales channel and aftersales service system, BroPV is ready to provide the best quality product and best services to all of our cutomers globally.

KEY FEATURES



Tight positive power tolerance of OW to +5W ensures you receive modules at or above nameplate power and contributes to minimizing module mismatch losses leading to improved system yield



- 10-year limited product warranty*
- Limited power warranty1: 10 years at 90.38% of the minimal rated power output, 25 years at 80.18% of the minimal rated power output



Excellent mechanical load resistance

- Certified to withstand high wind loads up to 2400Pa
- Certified to withstand snow loads up to 5400Pa



- Anti-reflective and anti-soiling surface reduces power loss from dust
- Salt mist corrosion resistant
- Ammonia corrosion resistant



- Fully conform to certification and regulatory standards
- Potential Induced Degradation (PID) Resistant**
- Modules sorted by current to improve system performance

COMPREHENSIVE CERTIFICATES

- IEC 61215, IEC 61730, UL1703, CEC Listed, MCS and CE
- ISO 9001: 2008: Quality management systems
- ISO 14001: 2004: Environmental management systems
- BS OHSAS 18001: 2007: Occupational health and safety management systems

















Specifications subject to technical changes and tests. BROPV reserves the right of final interpretation

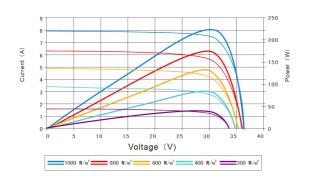


ELECTRICAL PERFORMANCE

Electrical Parameters					
ТҮРЕ	BROPV M240	BROPV M245	BROPV M250	BROPV M255	BROPV M260
Rated maximum Power at STC (W)	240	245	250	255	260
Open Circuit Voltage (Voc/V)	37.4	37.4	38.1	38.1	38.1
Maximum Power Voltage (Vmp/V)	30.2	30.2	30.7	30.7	30.7
Short Circuit Current (Isc/A)	8.58	8.76	8.80	9.01	9.09
Maximum Power Current (Imp/A)	7.94	8.11	8.15	8.31	8.47
Module Efficiency (%)	14.7	15.0	15.3	15.6	15.9
Power Tolerance (W)	- 0 ~ +5				
Temperature Coefficient of Isc	+ 0.05%/°C				
Temperature coefficient of Voc	- 0.35%/°C				
Temperature coefficient of Pmax	- 0.45%/°C				
STC	Irradiance 1	1000W/m², M	odule Tempera	ıture 25°C, Ai	r Mass 1.5

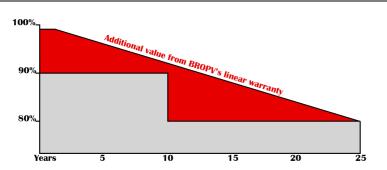
NOCT					
ТҮРЕ	BROPV M240	BROPV M245	BROPV M250	BROPV M255	BROPV M260
Max Power (Pmax) [W]	177.7	182.2	186.7	191.2	195.7
Open Circuit Voltage (Voc/V)	35.2	35.4	35.6	35.8	36.0
Maximum Power Voltage (Vmp/V)	28.3	28.4	28.4	28.5	28.6
Short Circuit Current (Isc/A)	7.19	7.26	7.33		7.47
Maximum Power Current (Imp/A)	6.28	6.42	6.56	6.70	6.84
Condition	Irradiance	800W/m², Mo	odule Tempera	ature 20°C, Ai	r Mass 1.5

I - V Curve



Linear Performance Warranty

10 Year Product Warranty | 25 Year Linear Power Warranty



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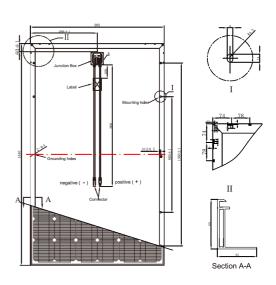
GENERAL CHARACTERISTICS

Mechanical Parameters				
Cell (mm)	Mono 156 x 156			
Weight (kg)	18.2 (approx.)			
Dimensions (LxWxH) (mm)	1640x992x40			
No. of Cells and Connections	60 (6 x 10)			
Front cover (material / thickness)	Low-iron tempered glass / 3.2mm			
Encapsulant (material)	Ethylene vinyl acetate (EVA)			
Frame (material / edge sealing)	Anodized aluminum alloy / Silicone			
Junction Box	IP67, 3 Diodes			
Connector	MC4 Compatible			

Box weight (kg)	525
Packing box dimensions (L x W x H) (mm)	1665x1105x1117
Number of pallets per 40' container	28
Number of modules per pallet	27
Packing Specification	S

Operating Conditions			
Max. system voltage	1000V _{DG}		
Max. series fuse rating	15A		
Limiting reverse current	15A		
Operating temperature range	-40°C to 85°C		
Max. static load, front (e.g. snow)	5400Pa		
Max. static load, back (e.g. wind)	2400Pa		
Max. hailstone impact (diameter / velocity)	25mm / 23m/s		

Engineering Drawing



*Please refer to Product warranty for detail. **PID free modules are only available upon request. ***Due to continuous innovation, research and product improvement, the specifications in this product information sheet are subject to change without prior notice. The specifications may deviate slightly and are not guaranteed. ****The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.