版本	更改	审核	日期
A0	首版发布		
A1			
A2			

封面

封底

143mm

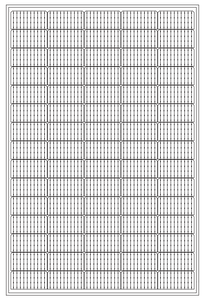
210mm

正面

反面

Solar Panel Manual

Model: BFPV-255



BLUETTI

For more information, please visit:

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Company: POWEROAK ENERGY UK CO.,LTD
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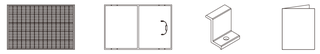
SHENZHEN POWEROAK NEWENER CO., LTD.
Address: F19, BLD No.1, Kaidaer, Tongsha Rd No.168, Xili Street, Nanshan, Shenzhen, China

BFPV-255
255 W Solar Panel

What's in the Box



Solar Panel (Front) | Solar Panel (Rear) | 25mm Module clamp*4 | User Manual

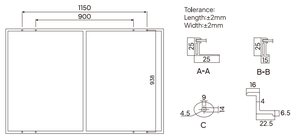
Liectrical Parameters at (STC)

Power (W)	255 W
Module Efficiency (%)	21%
Voltage at Pmax (Vmp)	42.4 V
Current at Pmax (Imp)	6 A
Open Circuit Voltage (Voc)	51 V
Short Circuit Current (Isc)	6.39 A
Power Tolerance (W)	±5%
Maximum System Voltage	1500V DC (UL)
Maximum Fuse Current	25 A

Mechanical Parameters

Solar Cell (Type/Size)	Mono(182mm)
Solar Cells Number	75Pcs (5*15)
Dimension	1454*964*25mm
Weight	7.5 KG/Pcs
Frame	Anodized aluminum alloy frame
Cable	4mm², +1200mmlength can be customized
Connector	Original MC4/Compatible MC4
Waterproof Junction Box	IP67

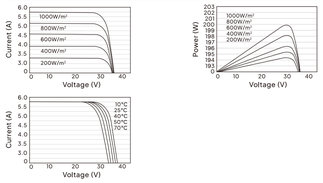
Module Diagram



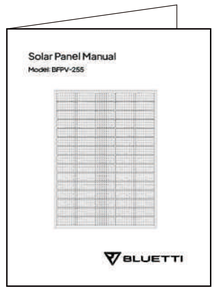
*Precautions: BASB-01/02 Balcony solar rack pre-assembled module clamp is for use with rigid panel only; for installing flexible solar panel, replace it with 25mm module clamp. Package includes 4pcs 25mm module clamps.

*Vorsichtsmaßnahmen: BASB-01/02 Balkon Solar Rack vormontierte Modulklemme ist für den Einsatz mit starren Panel nur; für die Installation von flexiblen Solarpanel, ersetzen Sie es mit 25mm Modulklemme. Das Paket enthält 4 Stück 25mm Modulklemmen.

Electrical Performance



*All specifications and data described in this data sheet are tested under Standard Test Conditions (STC- Irradiance: 1000W/m², Temperature: 25°C, Air Mass: 1.5) and may deviate marginally from actual values. The Company reserves the right to make any changes to this data sheet without prior notice.



折页示意图

技术要求：
成品尺寸：143X210mm，折页
材质：157g双铜版纸
印刷：单黑双面印刷, 哑膜
所用材质需符合RoHS;
注：印刷需清晰，不能有模糊，脏污，脱墨，花点，重影，印歪，纸张不平整等不良。

深圳市德兰明海科技有限公司
Shenzhen PowerOak Newener Co.,ltd

材料		表面处理	见技术说明	无特殊说明，长度单位：mm 未标注尺寸公差按：
型号		比例: 1:1 /A4	图纸编号/版本 A0	见技术说明
名称	BGPV-410说明书（英文）			* —重要尺寸 O—参照尺寸
设计	审核	批准	物料编号	
庄发煌 2023.08.14			共 张/第 张	