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# EnergyPal

## **Solar Panel Guide Specification Data Sheet**

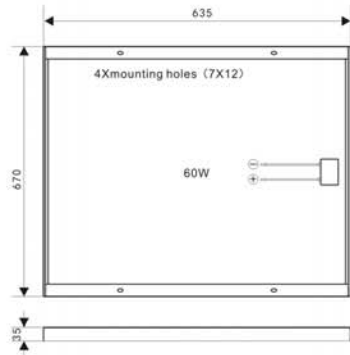
**Wuhan Rixin Technology Co., Ltd.  
Non-Standard 15-210W  
MBF-50**

Also available on the web at  
[EnergyPal.com/wuhan-rixin-technology-co-ltd-solar-panels/mbf-50](http://EnergyPal.com/wuhan-rixin-technology-co-ltd-solar-panels/mbf-50)

# Customized Non-standard Solar Panel 15W~60W



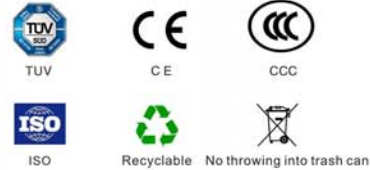
## Module Drawing



## Features

- Over 25-year lifespan
- Available for charging 12V/24V battery
- Module dimension could be customized
- Suitable for solar street light, solar garden light, solar pump etc. . on-grid or off-grid system

## Certificates



## Product Parameters

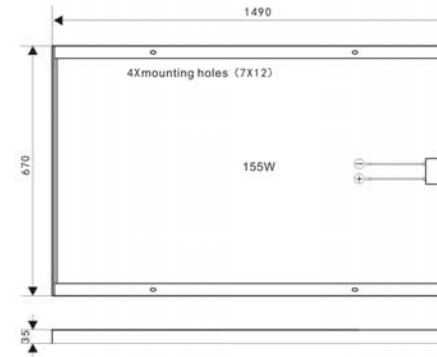
Model	MBF-15	MBF-20	MBF-30	MBF-40	MBF-50	MBF-60
Dimension (L*W*H) mm	456×272×25	420×354×25	630×354×25	772×354×25	541×670×35	635×670×35
Weight (kg)	1.55	1.77	2.59	3.14	4.21	4.88
Cell dimension (mm)	78×31.2	78×39	78×62.4	78×78	156×52	156×62.4
Cell Nos	36 (3×12)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)
Glass	3.2mm low-iron tempered glass					
Frame	Anodized aluminum alloy					
Mounting holes	customized					
Junction box protection level	IP 65					
Cable length	customized					
Connector	customized, MC4 compatible					
Power tolerance	±5%					
Maximum power (Pm/Wp)	15	20	30	40	50	60
Maximum power voltage (Vmp/V)	18.5	18.5	18.5	18.5	18.5	18.5
Maximum power current (Imp/A)	0.81	1.08	1.62	2.16	2.70	3.24
Open circuit voltage (Voc/V)	22.0	22.0	22.0	22.0	22.0	22.0
Short circuit current (Isc/A)	0.86	1.15	1.73	2.30	2.88	3.45

Attention: Read safety and installation instructions before using. The parameters in this sheet are subject to change without prior notice.

# Customized Non-standard Solar Panel 80W~210W



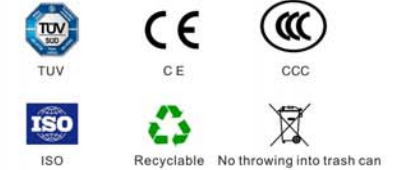
## Module Drawing



## Features

- Over 25-year lifespan
- Available for charging 12V/24V battery
- Module dimension could be customized
- Suitable for solar street light, solar garden light, solar pump etc. . on-grid or off-grid system

## Certificates



## Product Parameters

Model	MBF-80	MBF-95	MBF-105	MBF-125	MBF-155	MBG-210
Dimension (L*W*H) mm	780×670×35	920×670×35	1010×670×35	1210×670×35	1490×670×35	1336×990×35
Weight (kg)	5.87	6.85	7.51	8.92	10.88	13.76
Cell dimension (mm)	156×78	156×93.6	156×104	156×124.8	156×156	156×104
Cell Nos	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	36 (4×9)	72 (6×12)
Glass	3.2mm low-iron tempered glass					
Frame	Anodized aluminum alloy					
Mounting holes	customized					
Junction box protection level	IP 65					
Cable length	customized					
Connector	customized, MC4 compatible					
Power tolerance	±5%					
Maximum power (Pm/Wp)	80	95	105	125	155	210
Maximum power voltage (Vmp/V)	18.5	18.5	18.5	18.5	18.5	37
Maximum power current (Imp/A)	4.32	5.14	5.68	6.76	8.38	5.68
Open circuit voltage (Voc/V)	22.0	22.0	22.0	22.0	22.0	44
Short circuit current (Isc/A)	4.61	5.47	6.04	7.20	8.92	6.04

Attention: Read safety and installation instructions before using. The parameters in this sheet are subject to change without prior notice.