



**EINNOVA**  
SOLARLINE

# ***Folding solar panel***

*Product Introduction*

[www.einnova-solarline.com](http://www.einnova-solarline.com)

# Folding solar panel | Parameter



## 100W-A mono folding solar panel-- 5521 or MC4



Model Number	ESM-100-FC-A-5521	ESM-100-FC-A-MC4
Nominal Power	100W	100W
Maximum Power Voltage	18.15V	18.15V
Maximum Power Current	5.51A	5.51A
Open-circuit Voltage	21.57V	21.57V
Short-circuit Current	5.85A	5.85A
Output Tolerance	0~3%	0~3%
Cell	210*33.2*16*2*2	210*33.2*16*2*2
DC Output	5.5x2.1mm / 5A Max	MC4
Output USB-A	5V2A	--
Output USB-QC	5-20V/3A	--
Working Temperature	-20~+65°C	-20~+65°C
Module Dimensions (Folded)	595*565*50 mm	595*565*50 mm
Module Dimensions (Unfolded)	1130*595*30 mm	1130*595*30 mm
Package Dimensions	585*625*75 mm	585*625*75 mm
Weight (Net /Gross)	3.65/4.5kg	3.65/4.5kg
Cable	1*5521 male cable -1.0mm <sup>2</sup> -1.5m	--

# Folding solar panel | Parameter



## 100W-B mono folding solar panel--XT60

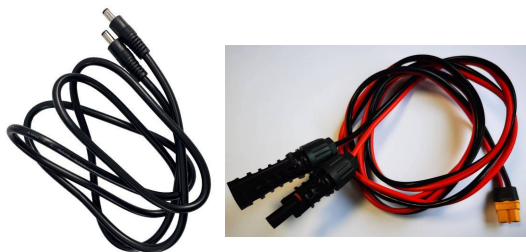


**EXTERIOR**

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**UNFOLDED**



Model Number	ESM-100-FC-B
Nominal Power	100W
Maximum Power Voltage	18.15V
Maximum Power Current	5.51A
Open-circuit Voltage	21.57V
Short-circuit Current	5.85A
Output Tolerance	0~3%
Cell	210*33.2*16*2*2
DC Output-1	5.5x2.1mm / 5A (Max.)
DC Output-2	XT60 / 30A (Max.)
USB-C PD3.0	5-20V / 3A; 20V5A (Max.)
USB Port-A	5V2A
USB Port-QC3.0	5-20V/3A
Working Temperature	-20~+65°C
Module Dimensions (Folded)	595*565*40mm
Module Dimensions (Unfolded)	1130*595*30mm
Package Dimensions	585 * 625 * 75 mm
Weight (Net /Gross)	3.65/4.5kg
Cable	1*5521 male---1.0mm <sup>2</sup> -1.5m, 1*XT60 to MC4---2.5mm <sup>2</sup> -1.5m.



# Folding solar panel | Parameter

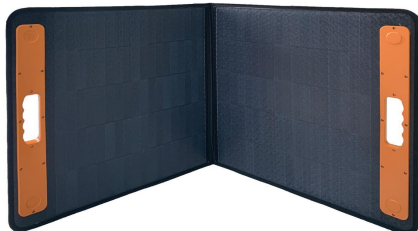
## 100W-B mono flexible folding solar panel--XT60



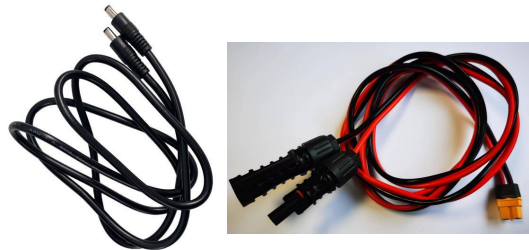
**EXTERIOR**



**INTEGRATED HANDLE**



**UNFOLDED**







Model Number	ESM-100-FC-B
Nominal Power	100W
Maximum Power Voltage	17.4V
Maximum Power Current	5.75A
Open-circuit Voltage	20.4V
Short-circuit Current	6.09A
Output Tolerance	0~3%
Cell	182*91*5*3*2
DC Output-1	5.5x2.1mm / 5A (Max.)
DC Output-2	XT60 / 30A (Max.)
USB-C PD3.0	5-20V / 3A; 20V5A (Max.)
USB Port-A	5V2A
USB Port-QC3.0	5-20V/3A
Working Temperature	-20~+65°C
Module Dimensions (Folded)	580*580*40mm
Module Dimensions (Unfolded)	1158*580*30mm
Package Dimensions	605 * 600 * 70 mm
Weight (Net /Gross)	3.65/4.5kg
Cable	1*5521 male---1.0mm <sup>2</sup> -1.5m, 1*XT60 to MC4---2.5mm <sup>2</sup> -1.5m.

# Folding solar panel | Parameter



## 200W-A mono folding solar panel--MC4

 <p>FRONT</p>  <p>BACK</p>  <p>UNFOLDED</p> 	Model Number	ESM-200-FC-A--18V	ESM-200-FC-A--36V
	Nominal Power	200W	200W
	Maximum Power Voltage	18.15V	36.30V
	Maximum Power Current	11.02A	5.51A
	Open-circuit Voltage	21.57V	43.14V
	Short-circuit Current	11.69A	5.85A
	Output Tolerance	0~3%	0~3%
	Process flow	210*33.2*16*2*4	210*33.2*16*2*4
	DC Output	MC4	MC4
	Working Temperature	-20~+65°C	-20~+65°C
Module Dimensions (Folded)	595*565*50 mm	595*565*50 mm	
Module Dimensions (Unfolded)	2070*595*30 mm	2070*595*30 mm	
Package Dimensions	585*625*105 mm	585*625*105 mm	
Weight (Net /Gross)	6.8/7.8kg	6.8/7.8kg	

# Folding solar panel | Parameter

## 200W-B mono folding solar panel--XT60







Model Number	ESM-200-FC-B--18V
Nominal Power	200W
Maximum Power Voltage	18.15V
Maximum Power Current	11.02A
Open-circuit Voltage	21.57V
Short-circuit Current	11.69A
Output Tolerance	0~3%
Cell	210*33.2*16*2*4
DC Output	XT60 / 30A (Max.)
USB-C PD3.0	5-20V / 3A; 20V5A (Max.)
USB Port-A	5V2A
USB Port-QC3.0	5-20V/3A
Working Temperature	-20~+65°C
Module Dimensions (Folded)	595*565*50mm
Module Dimensions (Unfolded)	2070*595*30mm
Package Dimensions	585 * 625 * 105 mm
Weight (Net /Gross)	6.8/7.8kg
Cable	1*XT60 to MC4---2.5mm <sup>2</sup> -1.5m

# Folding solar panel | Parameter



## 300W-A mono folding solar panel--MC4

 <p>FRONT</p>  <p>BACK</p>  <p>UNFOLDED</p> 	Model Number	ESM-300-FC-A--18V	ESM-300-FC-A--27V
	Nominal Power	300W	300W
	Maximum Power Voltage	18.15V	27.22V
	Maximum Power Current	16.63A	11.03A
	Open-circuit Voltage	21.57V	32.36V
	Short-circuit Current	17.62A	11.69A
	Output Tolerance	0~3%	0~3%
	Process flow	210*33.2*16*2*6	210*33.2*16*2*6
	DC Output	MC4	MC4
	Working Temperature	-20~+65℃	-20~+65℃
	Module Dimensions (Folded)	595*565*70 mm	595*565*50 mm
	Module Dimensions (Unfolded)	3000*565*30 mm	3000*565*30 mm
	Package Dimensions	590*625*125 mm	590*625*125 mm
Weight (Net /Gross)	9.8/10.9kg	9.8/10.9kg	



# Folding solar panel | Parameter



## 300W-B mono folding solar panel--XT60



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**UNFOLDED**



Model Number	ESM-300-FC-B--18V
Nominal Power	300W
Maximum Power Voltage	18.15V
Maximum Power Current	16.63A
Open-circuit Voltage	21.57V
Short-circuit Current	17.62A
Output Tolerance	0~3%
Process flow	210*33.2*16*2*6
DC Output	XT60 / 30A (Max.)
USB-C PD3.0	5-20V / 3A; 20V5A (Max.)
USB Port-A	5V2A
USB Port-QC3.0	5-20V/3A
Working Temperature	-20~+65℃
Module Dimensions (Folded)	595*565*70mm
Module Dimensions (Unfolded)	3000*565*30mm
Package Dimensions	590*625*125mm
Weight (Net /Gross)	9.8/10.9kg
1*XT60 to MC4 cable -2.5mm <sup>2</sup> -2m	1*XT60 to MC4---2.5mm <sup>2</sup> -1.5m



# Folding solar panel | Parameter

## 150W-D mono folding solar panel--MC4



<b>Model Number</b>	<b>ESM-150-FC-D</b>
<b>Nominal Power</b>	<b>150W</b>
<b>Maximum Power Voltage</b>	<b>27.22V</b>
<b>Maximum Power Current</b>	<b>5.52A</b>
<b>Open-circuit Voltage</b>	<b>32.36V</b>
<b>Short-circuit Current</b>	<b>5.85A</b>
<b>Output Tolerance</b>	<b>0~3%</b>
<b>Process flow</b>	<b>210*33.2*16*2*3</b>
<b>DC Output</b>	<b>MC4</b>
<b>Working Temperature</b>	<b>-20~+65℃</b>
<b>Module Dimensions (Folded)</b>	<b>595*495*50mm</b>
<b>Module Dimensions (Unfolded)</b>	<b>1700*595*30mm</b>
<b>Package Dimensions</b>	<b>585*625*75mm</b>
<b>Weight (Net /Gross)</b>	<b>4.7/5.5kg</b>

# Einnova Solarline-to be Your Trusted Partner!

# THANK YOU!



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