

Foldable PV Module

FEPM-NP SERIES



- Outstanding performance in actual operation
- Excellent corrosion resistance
- Reliable, various & quick-installation
- Customizable Power & Size options
- Balanced design of output voltage & current
- Graceful resistance for crack

Characteristics

	<i>FEPM-100NP</i>	<i>FEPM-120NP</i>	<i>FEPM-140NP</i>	<i>FEPM-160NP</i>
Max. Power (P_{mp})	100 W	120 W	140 W	160 W
Power Tolerance	0 ~ +5%	0 ~ +5%	0 ~ +5%	0 ~ +5%
Cell Efficiency	>23.5%			
Max. Power Voltage (V_{mp})	20.4 V			
Max. Power Current (I_{mp})	4.98 A	5.97 A	6.97 A	7.96 A
Open Circuit Voltage (V_{oc})	24.0 V			
Short Circuit Current (I_{sc})	5.26 A	6.32 A	7.37 A	8.42 A
Folded Dimension	290*410*50 mm	290*410*55 mm	295*415*60 mm	295*415*65 mm
Expand Dimension	1500*410*5 mm	1800*410*5 mm	2100*415*5 mm	2400*415*5 mm
Weight	1.3 kg	1.5 kg	1.7 kg	2.0 kg

Materials

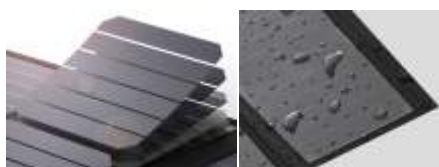
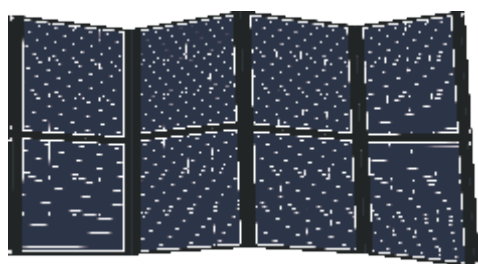
Cell Type	N-type, Mono
Front Surface	PET
Back Surface	Fiber Glass
Lamination	Water-proof Cloth
Cable	1000 mm
Connector	XT90/MC4/Cutomize
Output Port	USB * 2

Warranty



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<i>FEPM-240NP/*</i>	<i>32V</i>	<i>32M</i>	<i>32C</i>
Max. Power (P_{mp})	240 W		
Power Tolerance	0 ~ +5%		
Cell Efficiency	>23.5%		
Max. Power Voltage (V_{mp})	81.4 V	40.7 V	27.1 V
Max. Power Current (I_{mp})	2.99 A	5.97 A	8.96 A
Open Circuit Voltage (V_{oc})	95.9 V	48.0 V	32.0 V
Short Circuit Current (I_{sc})	3.16 A	6.32 A	9.47 A
Folded Dimension	550*410*45 mm		
Expand Dimension	1850*800*3 mm		
Weight	5.7 kg		

Materials

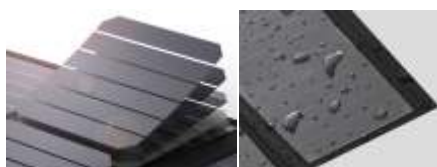
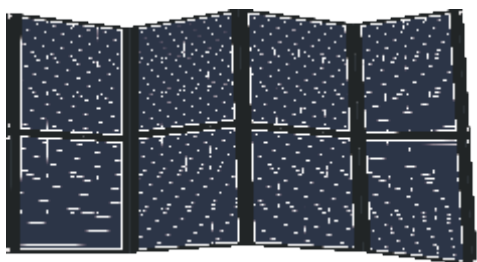
Cell Type	<i>N-type, Mono</i>
Front Surface	<i>PET</i>
Back Surface	<i>Fiber Glass</i>
Lamination	<i>Water-proof Cloth</i>
Cable	<i>1000 mm</i>
Connector	<i>XT90/MC4/Cutomize</i>
Output Port	<i>N/A</i>

Warranty



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Characteristics

<i>FEPM-320NP/*</i>	<i>42V</i>	<i>42M</i>	<i>42C</i>
Max. Power (P_{mp})	320 W		
Power Tolerance	0 ~ +5%		
Cell Efficiency	>23.5%		
Max. Power Voltage (V_{mp})	81.4 V	40.7 V	27.1 V
Max. Power Current (I_{mp})	3.98 A	7.96 A	11.94 A
Open Circuit Voltage (V_{oc})	95.9 V	48.0 V	32.0 V
Short Circuit Current (I_{sc})	4.21 A	8.42 A	12.63 A
Folded Dimension	550*410*50 mm		
Expand Dimension	2450*800*3 mm		
Weight	7.5 kg		

Materials

Cell Type	<i>N-type, Mono</i>
Front Surface	<i>PET</i>
Back Surface	<i>Fiber Glass</i>
Lamination	<i>Water-proof Cloth</i>
Cable	<i>1000 mm</i>
Connector	<i>XT90/MC4/Cutomize</i>
Output Port	<i>N/A</i>

Warranty

