








ETFE Portable Solar Panel -A Type

Stock No.	IKA-60-36MFE	IKA-80-36MFE	IKA-100-36MFE	Picture
Nominal Power	60W	80W	100W	 <p>FRONT USB-A USB-OC 5521</p> <p>UNFOLDED</p>
Cell Type	单晶 Monocrystalline			
Cell Efficiency	22%			
Maximum Current	2.87A	4.55A	5.35A	
Maximum Voltage	20.90V	18.70V	18.70V	
Open-circuit Voltage	24.70V	22.10V	22.10V	
Short-circuit Current	3.38A	5.06A	5.86A	
Panel Size(mm)	440*530*40mm	540*525*40mm	600*565*40mm	
Unfolded Panel Size(mm)	880*530*3mm	1080*525*3mm	1210*565*3mm	
Weight	1.9kg	4.0kg	4.5kg	
Surface Material	ETFE	ETFE	ETFE	
USB-1 Output (2.0/3.0 Auto)	5V3.4A/9V2.0A/12V1.5A			
USB-2 Output (2.0/3.0 Auto)	4V3.6A/5V3.4A/7V3A/9V2.5A/12V2A			
DC Output	5.5*2.1mm/5A (Max)			
Certificates	CE, RoHS			


ETFE Portable Solar Panel-B Type

Stock No.	IKA-60-36MFE	IKA-80-36MFE	IKA-100-36MFE	IKA-120-60MFE	IKA-160-60MFE	IKA-200-60MFE	IKA-300-60MFE	Picture
Nominal Power	60W	80W	100W	120W	160W	200W	300W	
Cell Type/Cell Efficiency	Monocrystalline/22%							
Maximum Current	2.87A	4.55A	5.35A	5.74A	9.09A	10.7A	15.15A	
Maximum Voltage	20.90V	18.70V	18.70V	20.90V	17.6V	18.70V	19.8V	
Open-circuit Voltage	24.70V	22.10V	22.10V	24.70V	20.8V	22.10V	23.4V	
Short-circuit Current	3.38A	5.06A	5.86A	6.25A	9.61A	11.2A	15.67A	
Panel Size(mm)	440*530*50mm	540*525*50mm	600*565*50mm	435*530*50mm	535*525*50mm	605*565*50mm	770*595*50	
Unfolded Panel Size(mm)	880*530*3mm	1080*525*3mm	1210*565*3mm	1600*530*3mm	2000*525*3mm	2260*565*3mm	2940*595*3	
Weight	2.4kg	4kg	4.5kg	5kg	6.7kg	7.8kg	12.5kg	
Surface Material	ETFE	ETFE	ETFE	ETFE	ETFE	ETFE	ETFE	
USB-1 Output (2.0/3.0 Auto)	5-20V/3A							
USB-2 Output (2.0/3.0 Auto)	5V2A (Max.)							
TypeC Output	5-20V/3A;20V5A (Max.)							
DC Output-1	5.5*2.1mm/5A (Max)							
DC Output-2	XT60/30A (Max.)							
Certificates	CE, RoHS							

ETFE Flexible Solar Panel-C Type

Stock No.	IKA-30-36MFE	IKA-60-40MFE	IKA-80-36MFE	IKA-100-36MFE	IKA-150-36MFE	Picture
Nominal Power	30W	60W	80W	100W	150W	
Cell Type	单晶 Monocrystalline					
Cell Efficiency	22%					
Maximum Current	1.70A	3.41A	3.73A	5.19A	6.99A	
Maximum Voltage	17.60V	17.60V	21.45V	19.25V	21.45V	
Open-circuit Voltage	20.8V	20.8V	25.35V	22.75V	25.35V	
Short-circuit Current	2.21A	3.92A	4.24A	5.71A	7.51A	
Panel Size(mm)	570*350*2mm	1040*350*2mm	1250*350*2mm	1130*520*2mm	1250*680*2mm	
Weight	0.90kg	1.50kg	1.90kg	2.50kg	3.50kg	
Max. System Voltage	100V					
Output Tolerance	± 3%					
Cable	700mm/2.5mm ²					
Connector Type	MC4/MC4 Compatible					
Module Structure	ETFE/EVA/Backsheet					
Junction Box Rating	≥ IP67					
Working Temperature	-20°C~+65°C					







3 Folds ETFE Portable Solar Panel Bag-D Type

Stock No.	IKA-30-36MFE	IKA-100-36MFE	IKA-120-36MFE	IKA-150-36MFE	Picture
Nominal Power	30	100W	120W	150W	
Cell Type	Monocrystalline				
Cell Efficiency	22%				
Maximum Current	4.55A	5.05A	5.59A	6.7A	
Maximum Voltage	6.6V	19.80V	21.45V	22.40V	
Open-circuit Voltage	7.8V	23.40V	25.35V	26.40V	
Short-circuit Current	4.86A	5.57A	6.11A	7.46A	
Panel Size(mm)	350*210*3	520*430*50(mm)	520*465*50(mm)	625*470*50(mm)	
Unfolded Panel Size(mm)	840*350*50	1600*520*3(mm)	1705*520*3(mm)	1720*625*3(mm)	
Weight	1.0kg	4.2kg	5.0kg	5.8kg	
Surface Material	ETFE	ETFE	ETFE	ETFE	
USB-1 Output (2.0/3.0 Auto)	5V3.4A/9V2.0A/12V1.5A				
USB-2 Output (2.0/3.0 Auto)	4V3.6A/5V3.4A/7V3A/9V2.5A/12V2A				
DC Output	5.5*2.1mm/5A (Max)				
Certificates	CE, RoHS				


PET Foldable solar panel -E Type

NO.	Style	Photo	Datasheet
IKA-60-4HW	PET 60W mono solar panels with bracket		60w Foldable solar panel,4pcs Max voltage:18v Max current:3.33A Open circuit voltage: 22.32v Short circuit current: 3.53A Unfolded size:1430x350x4mm Folded size:350x320x50mm Weight:3.1kg Cloth material: 18650 waterproof cloth
IKA-100-4HW	PET 100W mono solar panels with bracket		100w Foldable solar panel,4pcs Max voltage:18v Max current:5.56A Open circuit voltage: 22.32v Short circuit current: 5.89A Unfolded size:1660x520x4mm Folded size:520x370x60mm Weight:4.6kg Cloth material: 18650 waterproof cloth
IKA-120-4HW	PET 120w mono solar panels		120w Foldable solar panel,4pcs Max voltage:18v Max current:6.67A Open circuit voltage: 22.32v Short circuit current: 7.07A Unfolded size:1200x730x4.5mm Folded size:410x355x70mm Weight:4.7kg Cloth material: 18650 waterproof cloth
IKA-120-6HW	PET 120W mono solar panels		120w Foldable solar panel,6pcs Max voltage:18v Max current:6.67A Open circuit voltage: 22.32v Short circuit current: 7.07A Unfolded size:1870x730x4.5mm Folded size:370x370x95mm Weight:4.7kg Cloth material: 18650 waterproof cloth
IKA-200-6HW	PET 200w mono solar panels		200w Foldable solar panel,6pcs Max voltage:18v Max current:11.11A Open circuit voltage: 22.32v Short circuit current: 11.78A Unfolded size:1110*1105*4.6mm Folded size:550*390*100mm Weight:7.5kg Cloth material: 18650 waterproof cloth
IKA-200-8HW	PET 200w mono solar panels		200w Foldable solar panel,8pcs Max voltage:18v Max current:11.11A Open circuit voltage: 22.32v Short circuit current: 11.78A Unfolded size:1870x730x4.5mm Folded size:450x370x150mm Weight:7.5kg Cloth material: 18650 waterproof cloth
IKA-300-8HW	PET 300w mono solar panels		300w Foldable solar panel,8pcs Max voltage:18v Max current:16.67A Open circuit voltage: 22.5v Short circuit current: 11.34A Unfolded size:1480*1160*6mm Folded size: 370*605*40mm Weight:9kg Cloth material: 18650 waterproof cloth

Glass Foldable solar panel -F Type

NO.	Style	Photo	Datasheet
IKA-100-G2	100W Glass foldable solar panels		100W Glass foldable solar panels with PWM controller Max voltage:18v Max current:5.56A Open circuit voltage: 22.32v Short circuit current: 5.89A Unfolded size:545x1025x30mm Folded size:545x510x70mm Weight:7.7kg Carton size:1085x735x85mm
IKA-120-G2	120W Glass foldable solar panels		120W Glass foldable solar panels with PWM controller Max voltage:18v Max current:6.67A Open circuit voltage: 22.32v Short circuit current: 7.06A Unfolded size:710x1025x30mm Folded size:710x510x70mm Weight:10.5kg
IKA-120-GB2	120W PET foldable solar panels		120W foldable solar panels with PWM controller Max voltage:18v Max current:6.07A Open circuit voltage: 22.32v Short circuit current: 7.06A Unfolded size:1060x1400x30mm Folded size:740x510x57mm Weight:5.8kg
IKA-160-GB2	160W Glass foldable solar panels		160W Glass foldable solar panels with PWM controller Max voltage:18v Max current:8.89A Open circuit voltage: 22.32v Short circuit current: 9.42A Unfolded size:680x1340x30mm Folded size:1060x700x70mm Weight:11kg
IKA-250-GB2	250W Glass foldable mono solar panels		250W Glass foldable solar panels with PWM controller Max voltage:18v Max current:13.9A Open circuit voltage: 22.32v Short circuit current: 14.7A Unfolded size:1060x1400x30mm Folded size:1060x700x70mm Weight:18.8kg
IKA-300-GB2	300W Glass foldable solar panels		250W Glass foldable solar panels with PWM controller Max voltage:18v Max current:16.67A Open circuit voltage: 22.5v Short circuit current: 17.34A Unfolded size:1180x690x50mm Folded size:1180x1380x25mm Weight:18.8kg

MONO Glass Solar Panel- G Type

Stock No.	IKA-20-32M	IKA-30-36M	IKA-60-40M	IKA-100-36M	IKA-100-40M	IKA-160-36M	IKA-190-36M	IKA-195-36M	IKA-380-72M	Picture
Nominal Power	20W	30W	60W	100W	100W	160W	190W	195W	380W	
Cell Type	Monocrystalline									
Cell Efficiency	22%									
Maximum Current	1.01A	1.70A	2.66A	5.04A	4.46A	6.06A	9.60A	8.71A	9.44A	
Maximum Voltage	19.80V	17.6V	22.55V	19.86V	22.4V	26.4V	19.8V	22.4V	40.32V	
Open-circuit Voltage	23.40V	20.8V	26.65V	23.70V	26.4V	31.2V	23.4V	26.4V	47.52V	
Short-circuit Current	1.34A	2.21A	3.17A	5.34A	4.97A	6.57A	10.09A	9.22A	10.56A	
Panel Size(mm)	480*240*25	540*350*30	1050*350*30	1080*510*30	1190*450*30	1230*670*30	1650*580*35	1190*890*30	1735*1070*35	
Weight	1.5kg	2.2kg	5.42kg	6.30kg	6.5kg	9.0kg	11.83kg	12.2kg	22.5kg	
Max. System Voltage	500V						1000V			
Output Tolerance	±3%									
Cable	700mm/2.5mm ²						900mm/4mm ²			
Connector Type	MC4/MC4 Compatible									
Module Structure	Aluminum Frame/Glass/EVA/Backsheet									
Junction Box Rating	≥ IP67									
Working Temperature	-40°C~+80°C									