



ONE-STOP SUPPLIER FOR PV PRODUCTS

PRODUCT CATALOG

2026

VERSION.2

PV Module / PV Inverter / BESS / PV Tracker / Foldable Solar Prefab House



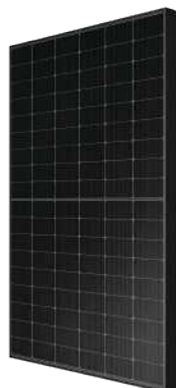
Ultra Black Bifacial 430~450Wp

Electrical Data (STC)					
Part Number	S430M54NF3BF	S435M54NF3BF	S440M54NF3BF	S445M54NF3BF	S450M54NF3BF
Rated Power (W)	430	435	440	445	450
Panel Efficiency (%)	22.02	22.28	22.53	22.79	23.04
Mechanical Data					
Panel Dimension (H/W/O)	1722 x 1134 x 30 mm				
Weight	22kg				
Cell Type	N-Topcon cells				



Ultra Black Bifacial 465~475Wp

Electrical Data (STC)			
Part Number	S465M54NF3BFB	S470M54NF3BFB	S475M54NF3BFB
Rated Power (W)	465	470	475
Panel Efficiency (%)	23.27	23.52	23.77
Mechanical Data			
Panel Dimension (H/W/O)	1762 x 1134 x 30 mm		
Weight	25.5kg		
Cell Type	N-Topcon cells		



Ultra Black Bifacial 490~500Wp

Electrical Data (STC)			
Part Number	S490M60NT3BF	S495M60NT3BF	S500M60NT3BF
Rated Power (W)	490	495	500
Panel Efficiency (%)	22.03	22.26	22.48
Mechanical Data			
Panel Dimension (H/W/O)	1961 x 1134 x 30 mm		
Weight	27.5kg		
Cell Type	N-Type Mono		



Bifacial Colour Module 390~400Wp

Electrical Data (STC)			
Part Number	S390M10C	S395M10C	S400M10C
Rated Power (W)	390	395	400
Panel Efficiency (%)	19.50	19.80	20.00
Mechanical Data			
Panel Dimension (H/W/O)	1762 x 1134 x 30 mm		
Weight	21.5kg		
Cell Type	N-Type 16BB 182 x 105mm (2x48pcs)		



Topcon Bifacial 590~600Wp

Electrical Data (STC)			
Part Number	S590M72NF3BF	S595M72NF3BF	S600M72NF3BF
Rated Power (W)	590	595	600
Panel Efficiency (%)	22.84	23.03	23.16
Mechanical Data			
Panel Dimension (H/W/O)	2278 x 1134 x 30 mm		
Weight	32kg		
Cell Type	N-Topcon cells		



Topcon Bifacial 590~600Wp (Composite frame)

Electrical Data (STC)			
Part Number	S590M72NF3BF	S595M72NF3BF	S600M72NF3BF
Rated Power (W)	590	595	600
Panel Efficiency (%)	22.84	23.03	23.16
Mechanical Data			
Panel Dimension (H/W/O)	2278 x 1134 x 30 mm		
Weight	28.8kg		
Cell Type	N-Topcon cells		



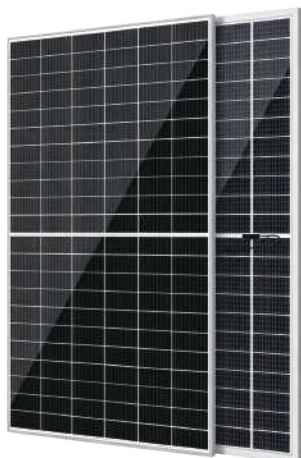
Topcon Bifacial 635~650Wp

Electrical Data (STC)				
Part Number	S635M66NF3BF	S640M66NF3BF	S645M66NF3BF	S650M66NF3BF
Rated Power (W)	635	640	645	650
Panel Efficiency (%)	22.51	23.69	23.88	24.06
Mechanical Data				
Panel Dimension (H/W/O)	2382 x 1134 x 30 mm			
Weight	32.4kg			
Cell Type	N-Type cells			



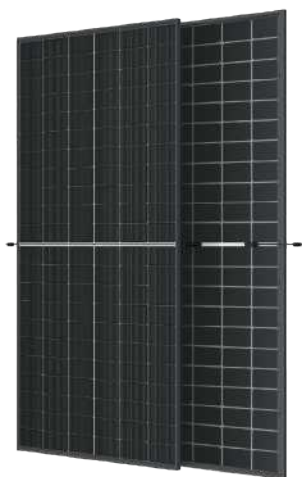
Topcon Bifacial 635~650Wp (Composite frame)

Electrical Data (STC)				
Part Number	S635M66NF3BF	S640M66NF3BF	S645M66NF3BF	S650M66NF3BF
Rated Power (W)	635	640	645	650
Panel Efficiency (%)	22.51	23.69	23.88	24.06
Mechanical Data				
Panel Dimension (H/W/O)	1762 x 1134 x 30 mm			
Weight	22.68kg			
Cell Type	N-Type cells			



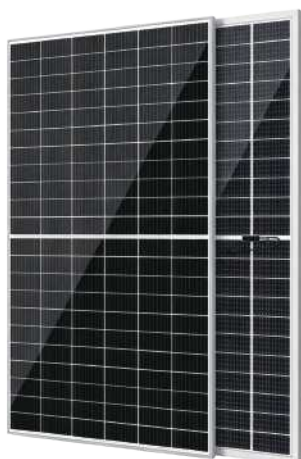
Topcon Bifacial 720~730Wp

Electrical Data (STC)			
Part Number	S720M66NT4BF	S725M66NT4BF	S730M66NT4BF
Rated Power (W)	720	725	730
Panel Efficiency (%)	23.18	23.34	23.50
Mechanical Data			
Panel Dimension (H/W/O)	2384 x 1303 x 33 mm		
Weight	38kg		
Cell Type	N-Topcon cells		



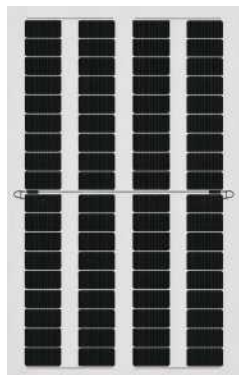
Topcon Bifacial 720~730Wp (Composite frame)

Electrical Data (STC)			
Part Number	S720M66NT4BF	S725M66NT4BF	S730M66NT4BF
Rated Power (W)	720	725	730
Panel Efficiency (%)	23.18	23.34	23.50
Mechanical Data			
Panel Dimension (H/W/O)	2384 x 1303 x 33 mm		
Weight	26.6kg		
Cell Type	N-Topcon cells		



HJT Bifacial 720W~740Wp

Electrical Data (STC)					
Part Number	S720M66HT4BF	S725M66HT4BF	S730M66HT4BF	S735M66HT4BF	S740M66HT4BF
Rated Power (W)	720	725	730	735	740
Panel Efficiency (%)	22.50	22.70	22.90	23.00	23.20
Mechanical Data					
Panel Dimension (H/W/O)	2384 x 1303 x 33 mm				
Weight	37.5kg				
Cell Type	HJT Mono-crystalline				



Bifacial BIPV 265~280Wp

Electrical Data (STC)				
Part Number	S265N36BPV	S270N36BPV	S275N36BPV	S280N36BPV
Rated Power (W)	265	270	275	280
Mechanical Data				
Panel Dimension (H/W/O)	1750 x 1150 x 7.1 mm			
Weight	30kg			
Cell Type	N-Topcon cells			
Transmittance	30% ~ 40%			



Bifacial BIPV 330~350Wp

Electrical Data (STC)	
Part Number	S330M40BPV
Rated Power (W)	330
Mechanical Data	
Panel Dimension (H/W/O)	2088 x 1128 x 5 mm
Weight	27kg
Cell Type	N-Topcon cells
Module Efficiency	19.55



Bifacial BIPV 345~365Wp (Framed)

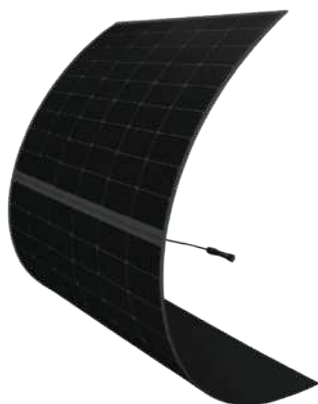
Electrical Data (STC)					
Part Number	S345M48BPV	S350M48BPV	S355M48BPV	S360M48BPV	S365M48BPV
Rated Power (W)	345	350	355	360	365
Mechanical Data					
Panel Dimension (H/W/O)	2278 x 1134 x 30 mm				
Weight	32.5kg				
Cell Type	N-Topcon cells				
Cell Number	96 (24x4)				



Bifacial BIPV 465~480Wp

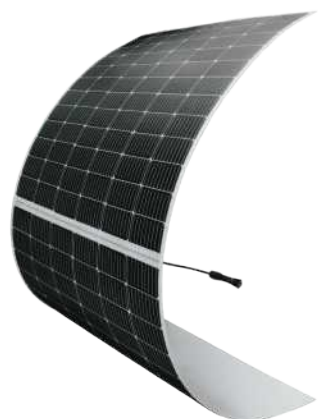
Electrical Data (STC)				
Part Number	S465N60BPV	S470N60BPV	S475N60BPV	S480N60BPV
Rated Power (W)	465	470	475	480
Mechanical Data				
Panel Dimension (H/W/O)	1930 x 1136 x 6.5 mm			
Weight	23.5kg			
Cell Type	N-Topcon cells			
Cell Number	120			

Flexible & All Black 400Wp



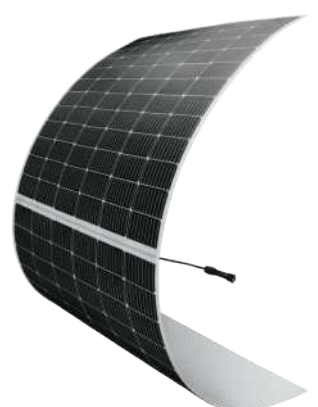
Electrical Data (STC)				
Part Number	SSL390-54CW	SSL395-54CW	SSL400-54CW	SSL405-54CW
Rated Power (W)	390	395	400	405
Panel Efficiency (%)	19.90	20.10	20.40	20.63
Mechanical Data				
Panel Dimension (H/W/O)	1746 x 1157 x 3.4 mm			
Weight	7.8kg			
Connector Type	MC4 or MC4 Compitable			

Flexible & lightweight 450Wp (PERC cells)

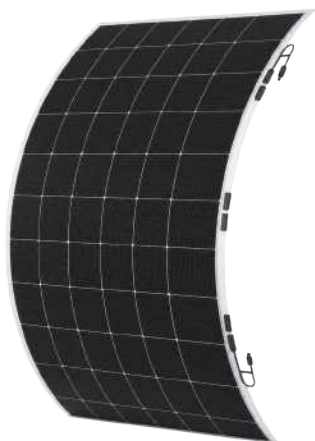


Electrical Data (STC)					
Part Number	SSL430-60CW	SSL435-60CW	SSL440-60CW	SSL445-60CW	SSL450-60CW
Rated Power (W)	430	435	440	445	450
Panel Efficiency (%)	19.8	20.00	20.30	20.50	20.70
Mechanical Data					
Panel Dimension (H/W/O)	1911 x 1137 x 3.4 mm				
Weight	9kg				
Connector Type	MC4 or MC4 Compitable				

Flexible & lightweight 550Wp (PERC cells)



Electrical Data (STC)					
Part Number	SSL530-72CW	SSL535-72CW	SSL540-72CW	SSL545-72CW	SSL550-72CW
Rated Power (W)	530	535	540	545	550
Panel Efficiency (%)	20.40	20.60	20.80	21.00	21.20
Mechanical Data					
Panel Dimension (H/W/O)	2282 x 1137 x 3.4 mm				
Weight	10.5±0.5kg				
Connector Type	MC4 Compitable				



Flexible & lightweight 560Wp (Topcon cells)

Electrical Data (STC)	
Part Number	SSL560-72CW
Rated Power (W)	560
Panel Efficiency (%)	21.00
Mechanical Data	
Panel Dimension (H/W/O)	2250 x 1200 x 1.8 mm (junction box not include)
Weight	7.6kg
Connector	Staubli Electrical connectors AG - MC4 EVO2 Series



Flexible & lightweight 560Wp (Topcon cells, Framed)

Electrical Data (STC)	
Part Number	SSL560-72CW
Rated Power (W)	560
Panel Efficiency (%)	21.00
Mechanical Data	
Panel Dimension (H/W/O)	2250 x 1200 x 25 mm (back frame include)
Weight	10.2kg (back frame include)
Connector	Staubli Electrical connectors AG - MC4 EVO2 Series

PV INVERTERS

HYBRID 



Eco Hybrid Single phase 4.4~6.6KW

Model	EH1-1P4K4-PD	EH1-1P5K5-PD	EH1-1P6K6-PD
Max.PV Access Power	7500 W	9200 W	11250 W
Max.PV Input Power	6000 W	7500 W	9000 W
Max.PV Input Voltage	500 V		
Start-up Voltage	90 V		
MPPT Voltage Range	40-450 V	60-450 V	
Max. Operation PV Input Current	20 A	20 A + 20 A	
Max. Input Short Circuit Current	22 A	22 A + 22 A	
Dimensions (W x H x D)	427.5 x 306 x 175.7 mm		
Net Weight	19 kg		



Hybrid Split phase 10~12KW - North America

Model	SHS6K-US	SHS7.5K-US	SHS12K-US
Max.PV Usable Power	9000 W	12000 W	15000 W
Max.PV Voltage	600 V		
Start-up Voltage	90 V		
MPPT Operation Voltage Range	70 V - 540 V		
Max. Input Current Per MPPT	30 A / 22 A	30 A / 22 A / 22 A	30 A / 22 A / 22 A
Max. Short Current Per MPPT	40 A / 30 A	40 A / 30 A / 30 A	40 A / 30 A / 30 A
String Per MPPT	2 / 2	2 / 2 / 2	2 / 2 / 2
Nos of MPPT	2	3	3
Dimensions (W x H x D)	420 x 790 x 255 mm		
Net Weight	44 kg		



Hybrid Single phase 3~12KW

Model	HI-1P3K-LV	HI-1P5K-LV	HI-1P6K-LV	HI-1P8K-LV	HI-1P10K-LV	HI-1P12K-LV
Max.PV Array Power	6000 W	10000 W	12000 W	16000 W	20000 W	24000 W
Max.PV Input Power	4800 W	8000 W	9600 W	12800 W	16000 W	19200 W
Max.PV Input Voltage	510 V					
Rated Voltage	360 V					
Start-up Voltage	80 V					
MPPT Range	90 V - 425 V					
Max. Input Current	18 A + 18 A			28 A + 28 A		
Max. Short Circuit Current	27 A + 27 A			42 A + 42 A		
No.of MPP Trackers / No.of StringPer MPP Tracker	2 / 1+1			2 / 2+2		
Dimensions (W x H x D)	411 x 631 x 236 mm			411 x 631 x 238 mm		
Net Weight	28.6kg			30kg		

PV INVERTERS

HYBRID 



Hybrid Three phase 5~15KW

Model	HI-3P5K-LV	HI-3P6K-LV	HI-3P8K-LV	HI-3P10K-LV	HI-3P12K-LV	HI-3P15K-LV
Max.PV Array Power	10000 W	12000 W	16000 W	20000 W	24000 W	30000 W
Max.PV Input Power	8000 W	9600 W	12800 W	16000 W	19200 W	24000 W
Max.PV Input Voltage	800 V					
Rated Voltage	360 V					
Start-up Voltage	160 V					
MPPT Voltage Range	200 V - 700 V					
Max. Input Current	17 A + 17 A			30 A + 30 A		
Max. Short Circuit Current	20 A + 20 A			36 A + 36 A		
No.of MPP Trackers / No.of StringPer MPP Tracker	2 / 1+1			2 / 2+2		
Cabinet Size (W x H x D)	422 x 658 x 245 mm (Excluding Connectors and Brackets)					
Weight	≤ 45kg					



Hybrid Three phase 30~60KW

Model	XD30KTR	XD40KTR	XD50KTR	XD60KTR
Max. Input Power	48000 Wp	64000 Wp	80000 Wp	96000Wp
Max. Input Voltage	1100 V			
Start-up Voltage	200 V			
Rated Voltage	620 V			
MPPT Voltage Range	180 V - 1000 V			
Max. Current Per MPPT	4 * 40 A			
Max. Short Circuit Current Per MPPT	4 * 60 A			
No.of MPP Trackers / No.of StringPer MPP Tracker	4 / 8			
Dimensions (W x H x D)	620 x 900 x 300 mm			
Weight	92 kg			

PV INVERTERS

OFF-GRID ■



Off-Grid Single phase 1.2k~6.5KW (220V)

Model	OG-1P1K2-T	OG-1P3K6-DT	OG-1P5K-DT-24	OG-1P5K-PDT	OG-1P6K5-DT
Rated Capacity	1500VA / 1200W	4500VA / 3600W	6250VA / 5000W		8120VA / 6500W
Max.PV Input Power	1200 W	6500 W	9000 W	6500 W	9000 W
Max.PV Open Circuit Voltage	125 VDC	500 VDC			
MPPT Range Operating Voltage	20-100 VDC	40-450 VDC		120-450 VDC	60-450 VDC
Max. Solar Input Current	14 A	18 A	27 A	18 A	28 A
Battery Type	Lithium / Lead Acid / AGM / Gel				
Nominal Battery Voltage	12V (1*12V)	24V (2*12V)	24V (2*12V)	48V (4*12V)	
Dimensions (W x H x D)	91x236x347mm	122x283x439.4mm	110x326x394mm	129 x 338 x 529.6 mm	
Net Weight	4.5 kg	8.2 kg	10 kg	12 kg	



Off-Grid Single phase 3.3~6.3KW (110V) - North America

Model	OSG3K-US	OSG6K-US
Rated Power	3300 W	6300 W
Max.PV Input Power	5000 W	5000 W * 2
MPPT Tracking Voltage Range	40 - 450 VDC	80 - 450 VDC
Rated Voltage	280 VDC	280 VDC
Max. PV Input Voltage	500 VDC	500 VDC
Max. PV Input Current	18 A	18 A * 2
MPPT Tracking Channels	1 Routed	2 Routed
Rated Battery Voltage	24 VDC	48 VDC
Battery Voltage Range	21 - 30 VDC (default)	42 - 60 VDC (default)
Dimensions (L x W x H)	375 x 297 x 102 mm	431 x 378.5 x 123 mm



Off-Grid Split phase 10~12KW - North America

Model	OSG10K-US	OSG12K-US
Rated Power	10 KW	12 KW
Max.PV Input Power	5500 W * 2	6500 W * 2
MPPT Tracking Voltage Range	125 - 425 VDC	
Rated Voltage	360 VDC	
Max. PV Input Voltage	500 VDC	
Max. PV Input Current	22 A * 2	
MPPT Tracking Channels	2 Routed	
Rated Battery Voltage	48 VDC	
Battery Voltage Range	42 - 60 VDC (default)	
Dimensions (L x W x H)	630 x 445 x 136.5 mm	

PV INVERTERS

ON GRID ■

On-Grid Single phase 3~10kw



Model	XG3KTL-2M	XG3.68KTL	XG4KTL	XG4.2KTL	XG4.6KTL	XG5KTL	XG6KTL
	XG7KTL	XG8KTL	XG10KTL	XG7KTL1	XG8KTL1	XG10KTL1	
Max. Input Power	4.5 KW	5.52 KW	6 KW	6.3 KW	6.9 KW	7.5 KW	9 KW
	10.5 KW	12 KW	15 KW	10.5 KW	12 KW	15 KW	
Max. Input Voltage	600 V						
Start Voltage	80 V						
Rated Input Voltage	360 V						
MPPT Voltage Range	50 V ~ 550 V						
Max. Current Per MPPT	20 A			14 A / 28 (XG7KTL1, XG8KTL1, XG10KTL1)			
Max. Short Circuit Current per MPPT	26 A			18.2 A / 36.4 A (XG7KTL1, XG8KTL1, XG10KTL1)			
Dimensions (W x H x D)	380 x 380 x 160 mm						
Weight	13 kg						

On-Grid Three phase 3~15kw



Model	XG3KTR-S	XG4KTR-S	XG5KTR-S	XG6KTR-S	XG8KTR-S
	XG9KTR-S	XG10KTR-S	XG11KTR-S	XG12KTR-S	XG15KTR-S
Max. Input Power	4.8 KW	6.4 KW	8 KW	9.6 KW	12.8 KW
	14.4 KW	16 KW	17.6 KW	19.2 KW	24 KW
Max. Input Voltage	1100 V				
Start Voltage	200 V				
Rated Input Voltage	600 V				
MPPT Voltage Range	18 V ~ 1000 V				
Max. Current Per MPPT	18 A				
Max. Short Circuit Current per MPPT	25 A				
Dimensions (W x H x D)	481 x 395 x 195 mm				
Weight	12 kg (XG3KTR-S ~ XG6KTR-S)			13.5 kg (XG8KTR-S ~ XG15KTR-S)	

On-Grid Three phase 17~25kw



Model	XG17KTR	XG20KTR	XG22KTR	XG25KTR
Max. Input Power	27.2 KW	32 KW	35.2 KW	40 KW
Max. Input Voltage	1100 V			
Start Voltage	250 V			
Rated Input Voltage	600 V			
Full-Load MPPT Voltage Range	480 V ~ 800 V		520 V ~ 800 V	560 V ~ 800 V
MPPT Voltage Range	200 V ~ 1000 V			
No. of MPP Trackers / No. of String Per MPP	2 / 2/2			2 / 2/3
Max. Current Per MPPT	32 A			32 A / 48 A
Max. Short Circuit Current per MPPT	40 A			40 A / 60 A
Dimensions (W x H x D)	534 x 440 x 220 mm			
Weight	24kg			

On-Grid Three phase 30~40kw



Model	XG30KTR	XG33KTR	XG36KTR	XG40KTR
Max. Input Power	48 KW	52.8 KW	57.6 KW	64 KW
Max. Input Voltage	1100 V			
Start Voltage	250 V			
Rated Input Voltage	600 V			
FullLoad MPPT Voltage Range	500 V ~ 800 V			
MPPT Voltage Range	200 V ~ 1000 V			
No.of MPP Trackers / String Per MPP	3 / 2		4 / 2	
Max. Current Per MPPT	26 A			
Max. Short Circuit Current per MPPT	32 A			
Dimensions (W x H x D)	600 x 430 x 230 mm			
Weight	30kg		32kg	

On-Grid Three phase 50~75kw



Model	XG50KTR	XG50KTRL	XG60KTR	XG60KTRL	XG66KTR	XG70KTR
Max. Input Power	80 KW		96 KW		105.6 KW	112 KW
Max. Input Voltage	1100 V					
Start Voltage	250 V					
Rated Input Voltage	600 V				700 V	
FullLoad MPPT Voltage Range	520 V ~ 850 V				600 V ~ 850 V	
MPPT Voltage Range	200 V ~ 1000 V					
No.of MPP Trackers / No.of String Per MPP	4 / 3/2/3/2			4 / 3/3/3/3		
Max. Current Per MPPT	39A/26A/39A/26A			39 A		
Max. Short Circuit Current per MPPT	48A/32A/48A/32A			48 A		
Dimensions (W x H x D)	650 x 450 x 260 mm					
Weight	50kg					

On-Grid three phase 100~125kw



Model	XG100KTR-F	XG110KTR-F	XG136KTR-LF	XG136KTR-XF
Max. Input Power	150 KW			
Max. Input Voltage	1100 V			
Start Voltage	250 V			
Rated Input Voltage	620 V		730 V	780 V
FullLoad MPPT Voltage Range	530 V ~ 850 V		560 V ~ 850 V	
MPPT Voltage Range	180 V -1000 V			
No.of MPP Trackers / No.of String Per MPP	9 / 2	10 / 2	12 / 2	
Max. Current Per MPPT	30 A			
Max. Short Circuit Current per MPPT	40 A			
Dimensions (W x H x D)	1050 x 660 x 330 mm			
Net Weight	95 kg	98kg	101kg	

MV Solution



SAFE
Reliable Protection



COMPACT
Integrated Design



EFFICIENT
Optimized Performance



SUSTAINABLE
Built for the Future



1MW Container Central Inverter Solution

Model Name	Shinson - 1000 - MV
	For 330k/330k-5G inverters
Connection form with transformer	Copper busbar
Transformer	
Transformer type	Oil immersed
Rated output power	1000kVA @ 40°C
Max output power	1100 kVA @ 40°C 3h
LV / MV voltage	0.8kV / 20-35kV
General Data	
Dimensions (W*H*D)	6058 x 2896 x 2438 mm
Approximate weight	12 T
Operating temperature range	-25°C ~ +60°C

3.25MW Container Central Inverter Solution

Model Name	Shinson - 3250 - MV
	For 350k inverters
Connection form with transformer	Copper busbar
Transformer	
Transformer type	Oil immersed
Rated output power	3250 kVA @ 40°C
Max output power	3500 kVA @ 30°C
LV / MV voltage	0.8kV / 10-35kV
General Data	
Dimensions (W*H*D)	6058 x 2896 x 2438 mm
Approximate weight	17 T
Operating temperature range	-25°C ~ +60°C



4.5MW Container Central Inverter Solution

Model Name	Shinson - 1000 - MV
	For 350k inverter
Connection form with transformer	Copper busbar
Transformer	
Transformer type	Oil immersed
Rated output powe	4550 kVA @ 40°C
Max output power	4900 kVA @ 30°C
LV / MV voltage	0.8kV / 10-35kV
General Data	
Dimensions (W*H*D)	6058 x 2896 x 2438 mm
Approximate weight	19 T
Operating temperature range	-25°C ~ +60°C



6.5MW Container Central Inverter Solution

Model Name	Shinson - 6500 - MV
	For 330k/330k-5G inverters
Connection form with transformer	Copper busbar
Transformer	
Transformer type	Oil immersed
Rated output powe	6500 kVA @ 40°C
Max output power	7000 kVA @ 30°C
LV / MV voltage	0.8kV / 10-35kV
General Data	
Dimensions (W*H*D)	6058 x 2896 x 2438 mm
Approximate weight	24 T
Operating temperature range	-25°C ~ +60°C



9.1MW Container Central Inverter Solution

Model Name	Shinson - 9100 - MV
	For 350k inverter
Connection form with transformer	Copper busbar
Transformer	
Transformer type	Oil immersed
Rated output powe	9100 kVA @ 40°C
Max output power	9800 kVA @ 30°C
LV / MV voltage	0.8kV / 10-35kV
General Data	
Dimensions (W*H*D)	6058 x 2896 x 2438 mm
Approximate weight	26 T
Operating temperature range	-25°C ~ +60°C

Lithium Battery Pack 5KWh 10KWh



Model	SNE-ES SW 5.0	SNE-ES SW 10.0
Battery Type	51.2V 100Ah LifePO4	51.2V 200Ah LifePO4
Nominal Energy	5.1 KWh	10.1 KWh
Usable Energy	4.6 KWh	9.2 KWh
Peak Output Power	7.7 KW, 10 Seconds	10.2 KW, 10 Seconds
Round-Trip Efficiency	≥ 97.5%	
Nominal Voltage	51.2 V	
Operating Voltage	44 - 58.4 V	
Max Charge / Discharge Current	100 A	150 A
Communication	CAN, RS485	
Dimensions (W x H x D)	650 x 430 x 156 mm	830 x 570 x 156 mm
Weight	50 kg	94 kg

Lithium Battery Pack 15KWh 16KWh 20KWh



Model	SNE-ES L15	SNE-ES L16	SNE-ES L20
Battery Type	51.2V 300Ah LifePO4	51.2V 320Ah LifePO4	51.2V 400Ah LifePO4
Nominal Energy	15.4 KWh	16.4 KWh	20.5 KWh
Usable Energy	13.8 KWh	14.8 KWh	18.4 KWh
Peak Output Power	14.5 KW, 10 Seconds		15.4 KW, 10 Seconds
Round-Trip Efficiency	≥ 97.5%		
Nominal Voltage	51.2 V		
Operating Voltage	44 - 58.4 V		
Max Charge / Discharge Current	200 A / 200 A		
Communication	CAN, RS485		
Dimensions (W x H x D)	460 x 835 x 240 mm		460 x 885 x 265 mm
Weight	119 kg	121 kg	140 kg

Lithium Battery Pack 30KWh 32KWh



Model	SNE-ES F13	SNE-ES F32
Battery Type	51.2V 600Ah LifePO4	51.2V 640Ah LifePO4
Nominal Energy	30.7 KWh	32.8 KWh
Usable Energy	27.6 KWh	29.5 KWh
Peak Output Power	15.4 KW, 10 Seconds	
Round-Trip Efficiency	≥ 97.5%	
Nominal Voltage	51.2 V	
Operating Voltage	44 - 58.4 V	
Max Charge / Discharge Current	200 A / 200 A	
Communication	CAN, RS485	
Dimensions (W x H x D)	815 x 870 x 250 mm	
Weight	218 kg	224 kg



All-in-one Hybrid inverter & Battery Unit (3.6KW+5KWh)

Model	BW-INV-SPH 3.6K	BW-INV-SPH 5K
Rated Grid Output Power	3.68 kVA	5 kVA / 4 kVA (DE)
Max. PV Input Power	7.36 KW	10 KW
Max. PV Input Voltage	580 V	
MPPT Range	100 ~ 550 V	
Max. Input Current	15 A / 15 A	
Max. Short Circuit Current	18.75 A / 18.75 A	
MPP Trackers	2	
Strings Per MPP Trakers	1 / 1	
Battery Capacity	9.6 KWh	
Dimensions (W x H x D)	590 x 405 x 205 mm	
Weight	19.5 kg	



All-in-one Hybrid inverter&Battery Unit (5KW+10KWh)

Model	BW-INV-TPH4K	BW-INV-TPH5K	BW-INV-TPH6K	BW-INV-TPH8K	BW-INV-TPH10K	BW-INV-TPH12K
Rated Grid Output Power	4 kVA	5 kVA	6 kVA	8 kVA	10 kVA	12 kVA
Max. PV Input Power	8 KW	10 KW	12 KW	16 KW	20 KW	22.5 KW
Max. PV Input Voltage	1100 V					
MPPT Range	140 ~ 950 V					
Max. Input Current	16 A / 16 A / 16 A / 16 A / 16 A / 16 A					
Max. Short Circuit Current	24 A / 24 A / 24 A / 16 A / 16 A / 16 A					
MPP Trackers	3					
Strings Per MPP Trakers	1 / 1 / 1 / 1 / 1 / 1					
Battery Capacity	9.6 KWh			4.8 KWh		
Dimensions (W x H x D)	590 x 730 x 205 mm			590 x 430 x 205 mm		
Weight	86 kg			39.2 kg		



All-in-one Off-Grid inverter&Battery Unit (5KW+10KWh)

Model	SOF-5K-5H	SOF-5K-10H
Rated Output Power	5000 W	
Max. PV Input Power	9800 W	
Max. PV Input Voltage	450 V	
Max. PV Input Current	45 A	
Start-Up Input Voltage	90 V	
Rated PV Input Voltage	360 V	
MPPT Voltage Range	150 ~ 430 VCD	
Max. PV Charging Current	80 A	
Rated Voltage	230 V	
Dimensions (W x H x D)	440 x 1020 x 160 mm	440 x 1360 x 160 mm
Weight	68 kg	111 kg



50KW Hybrid Inverter+100KWh ESS

Model	SSES72-50	SSES86-50	SSES100-50
Battery Type	LiFePO4		
Nominal Capacity	280Ah		
Battery Configuration	1P 80S	1P 96S	1P 112S
Nominal Energy	71.68 KWh	86.016 KWh	100.352 KWh
Nominal Voltage	256 V	307.2 V	358.4 V
Operating Voltage Range	224 ~ 288 V	268.8 ~ 345.6 V	313.6 ~ 403.2 V
Max.DC Input Voltage	1000 V		
MPPT Voltage Range	200 ~ 950 V		
Max. Input Current	40 A * 4		
Dimensions	1150 x (1325±5) x 2280 mm		
Net Weight	≤ 1140 kg	≤ 1240 kg	≤ 1340 kg



125KW Hybrid Inverter+241KWh ESS

Model	SKTESS241-125K
Battery Type	LiFePO4
Nominal Capacity	314Ah
Battery Configuration	1P 240S
Nominal Energy	241.152 KWh
Nominal Voltage	768 V
Operating Voltage Range	672 ~ 864 V
Max.DC Input Voltage	1000 V
MPPT Voltage Range	180 ~ 850 V
Max. Input Current	40 A * 8
Dimensions	1595 x 1439 x 2196 mm
Net Weight	≤ 2100 kg



AC Coupled 100KW PCS+215KWh ESS

Model	SSE215-100K
AC Output Power	100 KW
AC Output Frequency and Voltage	50 / 60Hz; 380 / 400Vac
Grid Type	3L / N / PE
Battery Operating Voltage	660 ~ 864 VDC
Energy	215 KWh
AC Output Rated Current	152 A
Max. AC Output Current	167 A
Max. Number of Parallel	4 pcs (off-grid)
Main Parameter Dimensions	1630 x 1340 x 2250 mm
Weight Appr.	2000 kg
Converter Specification Dimensions	485 x 705 x 257 mm

AC Coupled 125KW PCS+261KWh ESS



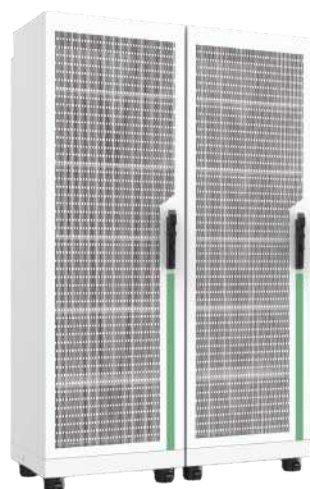
Model	SSE-261-125K
Battery Type	LiFePO4
Rated Capacity	314Ah
Battery Configuration	1P 260S
Rated Energy	261 KWh
Rated Voltage	832 V
Rated Power	125 KW
Rated Charge / Discharge Rate	0.5 V
Operating Voltage Range	702 ~ 949 V
Standard charge / Discharge Current	157 / 157 A
Dimensions (W x H x D)	1000±2 x 1380±2 x 2280±5 mm
Net Weight	2.5±0.1 T

AC Coupled 250KW PCS+488KWh ESS

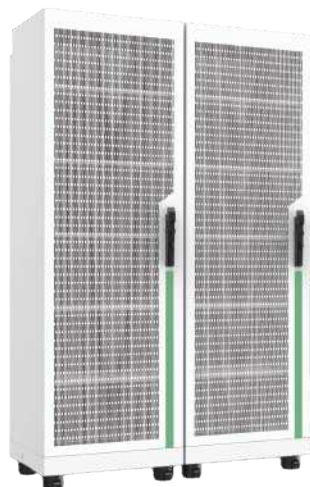


Model	SSE488-250K
Battery Type	LiFePO4
Nominal Capacity	587Ah
Battery Configuration	1P 260S
Nominal Energy	488.384 KWh
Nominal Voltage	832 V
Operating Voltage Range	728 ~ 936 V
Rated Charge / Discharge Power	244 KW
Max Charge / Discharge Power	255 KW
Rated Output / Grid Voltage	400 V
Dimensions	1450±3 x 1380±3 x 2350±5 mm
Net Weight	4100±20 kg

Small Commercial 60/90/180kwh Energy Store System



Model	SNE-ES C60	SNE-ES C90	SNE-ES C180
Nominal Capacity	61.4 KWh	92.2 KWh	184.3 KWh
Module Type	102.4V 100AH LiFePO4	51.2V 200AH LiFePO4	51.2V 200AH LiFePO4
Module Numbers	6	9	18
Nominal Charge / Discharge Current	50 / 50 A	100 / 100 A	200 / 200 A
Round-Trip Efficiency	≥ 97.5%		
Nominal Voltage	614.4 V	460.8 V	460.8 V
Operating Voltage	528 ~ 691 V	396 ~ 518.4 V	396 ~ 518.4 V
Communication	CAN, RS485		
Enclosure Protection Rating	IP21		
Dimensions (W x H x D)	560 x 2040 x 750	1100 x 1790 x 750	3300 x 1790 x 750
Net Weight	710kg	1180kg	2360kg



Small Commercial 50/100/300kwh Energy Store System

Model	S-ES C50	S-ES C100	S-ES C300
Nominal Capacity	51.2KWh	102.4 KWh	307.2 KWh
Module Type	102.4V 100AH LiFePO4	51.2V 200AH LiFePO4	51.2V 200AH LiFePO4
Module Numbers	5	10	30
Nominal Charge / Discharge Current	50 / 50 A	100 / 100 A	300 / 300 A
Round-Trip Efficiency	≥ 97.5%		
Nominal Voltage	512 V		
Operating Voltage	440 ~ 576 V		
Communication	CAN, RS485		
Enclosure Protection Rating	IP21		
Dimensions (W x H x D)	560 x 1790 x 750	1100 x 1790 x 750	3300 x 1790 x 750
Net Weight	630kg	1260kg	3780kg



Megacube-20C2H1200K

Product Model	20C2H1200K	
Battery String Type	S373-24P14	S373-24P16
String Qty	6	6
DC Data		
DC Rated Energy Capacity	2064 KWh	2256 KWh
Rated Voltage	1228.8 V	
Voltage Range	1075.2 V ~ 1363.2 V	
AC Data	Standard Output	Optional Output
Rated AC Power	1200 KW	(1020KW / 840KW / 690KW)
Maximum AC Power	1320 KW	(1122KW / 924KW / 759KW)
Rated Voltage	690 V	(600V / 480V / 400V)
General Data		
Dimensions W/O Clearances (L*W*H)	6058 x 2438 x 2591 mm	
Weight Of Whole System	26.5 T	



Megacube-20C2H1600K

Product Model	20C2H1600K	
Battery String Type	LS376	
String Qty	8	
DC Data		
DC Rated Energy Capacity	3008 KWh	
Rated Voltage	1228.8 V	
Voltage Range	1075.2 V ~ 1363.2 V	
AC Data	Standard Output	Optional Output
Rated AC Power	1600 KW	(1400KW / 1120KW / 920KW)
Maximum AC Power	1760 KW	(1540KW / 1232KW / 1012KW)
Rated Voltage	690 V	(600V / 480V / 400V)
General Data		
Dimensions W/O Clearances (L*W*H)	6058 x 2438 x 2896 mm	
Weight Of Whole System	28.5 T	



Megacube-20C2H2000K

Product Model	20C2H2000K
Battery String Type	LS417
String Qty	10
DC Data	
DC Rated Energy Capacity	4179 KWh
Rated Voltage	1331.2 V
Voltage Range	1164.8 V ~ 1476.8 V
AC Data	
Standard Output	
Rated AC Power	2150 KW
Maximum AC Power	2365 KW
Rated Voltage	690 V
General Data	
Dimensions W/O Clearances (L*W*H)	6058 x 2438 x 2896 mm
Weight Of Whole System	≤ 36.5 T



Z Box-P Battery Container P5000-2H

Product Model	P5000-2H
Battery String Type	LFP
Rated Capacity	314 Ah
Serial-parallel Type	12P416S
Rated Capacity Per Pack	104.499 KWh
Pack Number	12 x 4
System Rated Energy Capacity	5015.952 KWh
Rated DC Voltage	1331.2 V
Rated DC Voltage Range	1040 V ~ 1497.6 V
General Data	
Dimensions (L*W*H)	6058 x 2438 x 2896 mm
Weight	42 T

PV TRACKER



Shinson Solar Tracking System 1P

Model	SST-1P	SST-1P-TL
System Type	One Portrait Horizontal Single-Axis Tracker	One Portrait Horizontal Single-Axis Tracker
PV Module Qty	1P x 90 = 90 pcs (or customized)	1P x 90 = 90 pcs (or customized)
Tracking Method	Astronomical Algorithm + Closed-Loop Control	
DC Drive	24V DC Motor + Slew Drive	
Power Supply	AC Power Or Self-Powered	
Wind Load	≥ 18 m/s	
Rated To Horizontal Time	5 - 6 mins	



Shinson Solar Tracking System 2P

Model	SST-2P	SST-2P-PM
System Type	Double Portrait Horizontal	Double Portrait Horizontal
	Single-Axis Tracker	Single-Axis Tracker
PV Module Qty	2Px 45 , 2Px 30 (or customized)	2Px 45 , 2Px 30 (or customized)
Tracking Method	Astronomical Algorithm + Closed-Loop Control	
DC Drive	24V DC Motor + Slew Drive	
Power Supply	AC Power Or Self-Powered	
Wind Load	≥ 18 m/s	
Rated To Horizontal Time	5 - 6 mins	

Off-grid Solar Living Solution

Foldable Solar Prefab House



Foldable Structure

Compact design for transportation and deployment.



Solar Powered

Integrated solar power system for independent energy supply.



Off-Grid Living

Suitable for locations with limited or no reliable grid access.



Quick Deployment

Designed for efficient installation and rapid setup.



Specification	18 m ²	37 m ²	56 m ²	74 m ²
Overall Dimension	2950 × 6300 × 2480 mm	5900 × 6300 × 2480 mm	9000 × 6300 × 2480 mm	11800 × 6300 × 2480 mm
Folded Dimensions	2950 × 2200 × 2480 mm	5900 × 2200 × 2480 mm	9000 × 2200 × 2480 mm	11800 × 2200 × 2480 mm
Net Weight (Approx.)	2 Tons	3.5 Tons	5.5 Tons	6.5 Tons
Bedrooms	1	2	1	3
Living Room	1	1	1	1
Bathroom	1	1	1	1
Wind Resistance	Level 8			
Seismic Resistance	Level 10			
Service Life	30 Years			
Solar System Configuration	Solar Panels + Inverter + Battery + Off-Grid Solar Air Conditioner			

FROM FOLDED TO FULLY OPERATIONAL



01 Site Positioning



02 Raise the Roof



03 Unfold the Side Panels



04 Secure the Main Structure



05 Install Flexible Solar Panels



06 Install the Off-Grid Solar Air Conditioning System



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