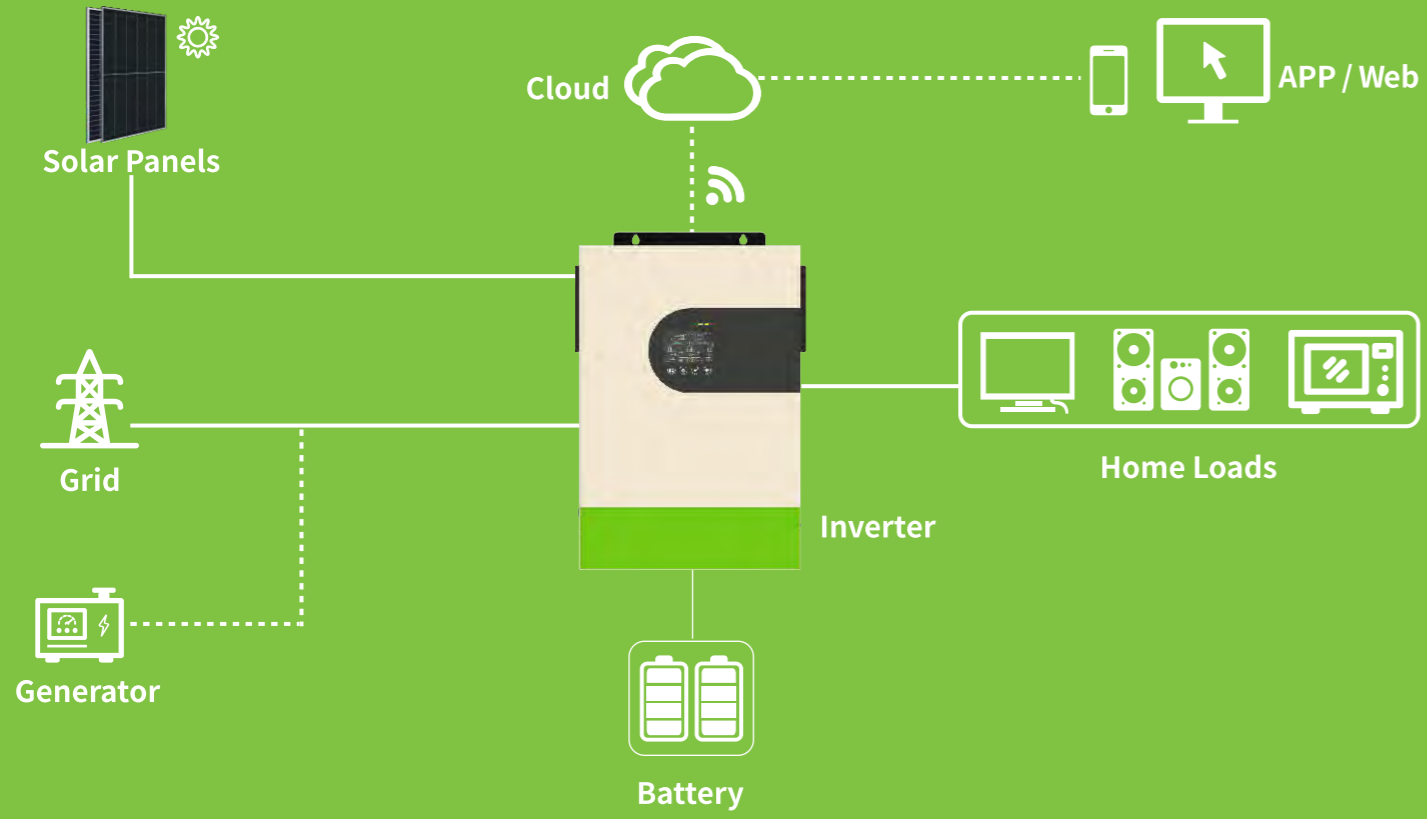
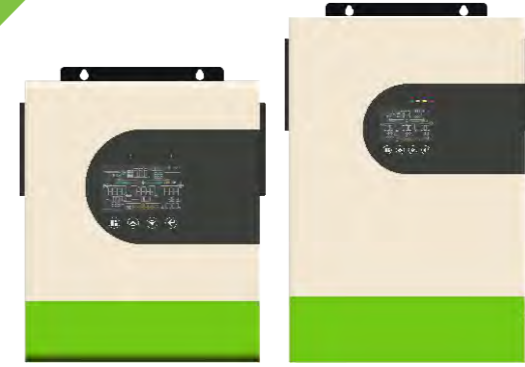


Home Energy Storage Systems

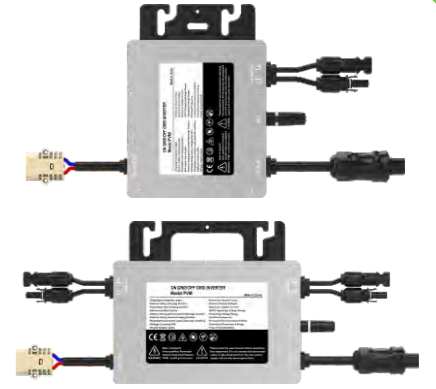


Green Energy for Better Life

Solar Inverter



On/Off Grid



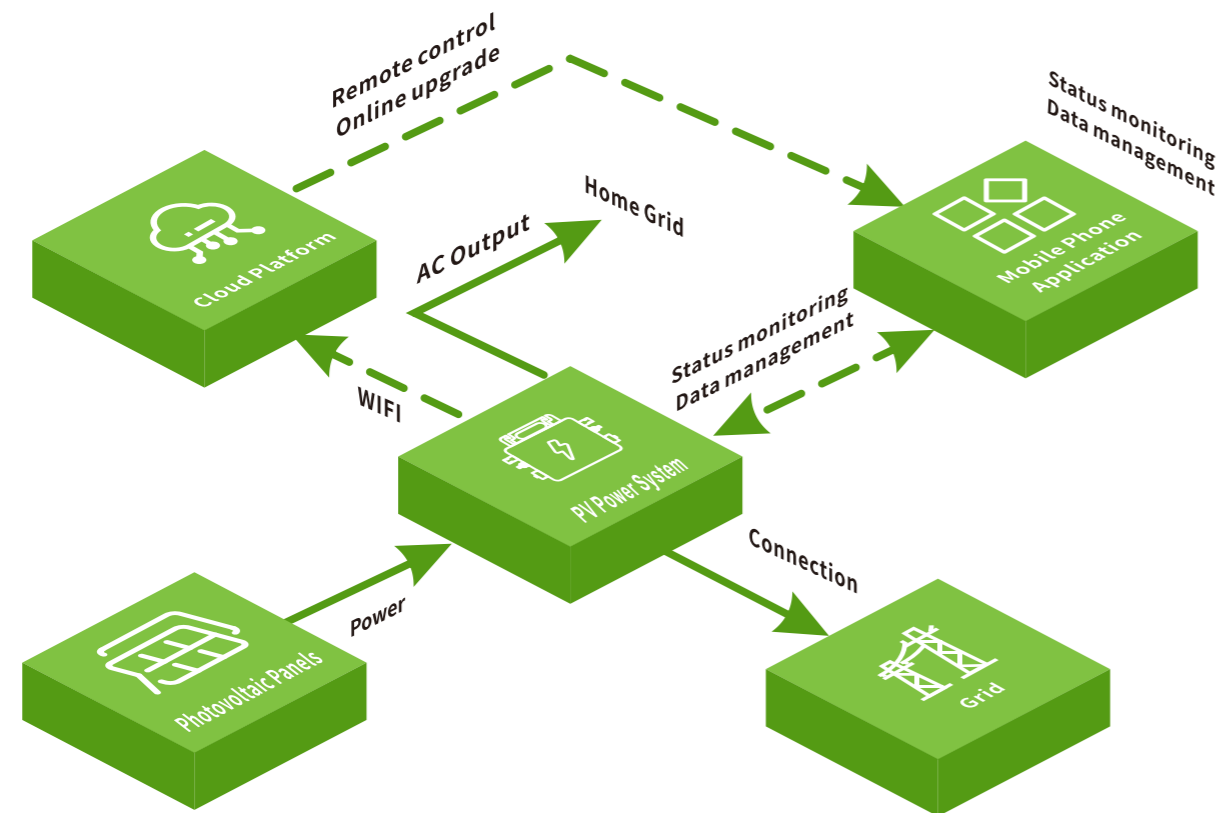
On/Off Grid

Professional Manufacturer



On Grid

Solar Inverter Professional Manufacturer



About Us

was founded in 2008, a professional solar energy inverter manufacturer and solution provider, including PV Hub, On-grid Micro Inverter, Off-grid Inverter, Home energy storage systems.

is based in ZhuHai, China, with a strong and experienced R&D team, skillful production workers and strict quality system.

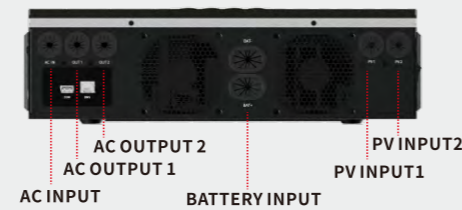
attaches great importance to quality assurance and our products have obtained many certificates such as CNAS, CE, MSDS, IEC, UN38.3, VDE, WEEE and so on.

has established sales and service centers in Thailand, Germany, Poland and China, and our goal is to provide satisfactory service through local sales and support.

cooperates with local service providers in all countries to provide you with personalized customization and design. We are "The Solar Energy Solution Provider"!

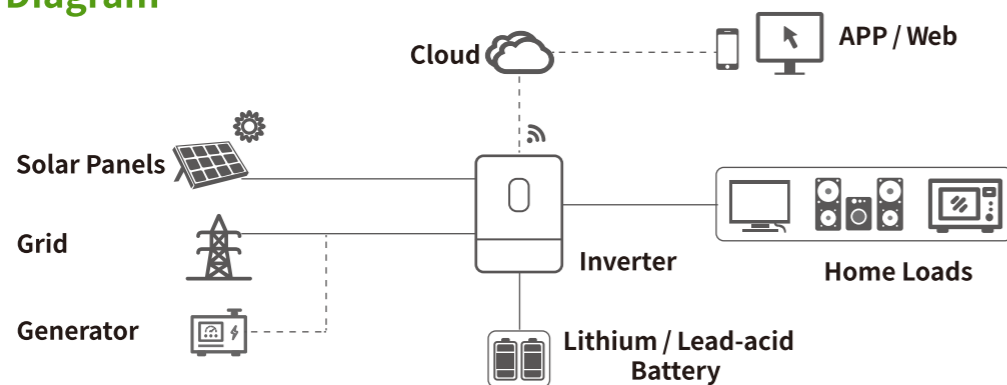
Inverter-12KW CP-EK120

Working with Battery for Use



- Built-in 160A Solar Charger
- 45A MAX PV Input
- Dual MPPTs Input
- WiFi Monitoring(Optional)
- Support Lithium/Lead-acid Battery
- DUAL Dual AC Out
- Feed-in to Grid
- 5 Inch Display
- Lithium Battery Activation
- Wide PV Input Voltage Range 60-500V

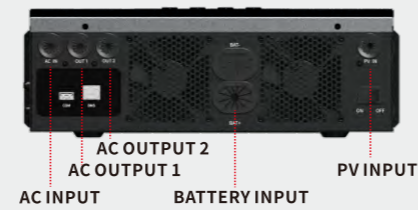
System Diagram



MODEL	CP-EK120
AC Input	
Rated Input Voltage (VAC)	220/230/240; L+N+PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50/60(Auto Adaptive)
AC Output	
Rated Capacity (kW)	12
Surge Power (kVA)	24
Voltage (VAC)	220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10(APP/UPS mode), 20(GEN mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	1min@102%~125%Load 10s@>125%Load
Max. Efficiency (Battery Mode)	94%@48VDC
Parallel Quantity	NA
Charger (PV / AC)	
Solar Charger Type	Dual MPPTs
Max. PV input Current / Input Power	Using One MPPT: 27A/9KW Using Two MPPTs: 22.5A/Per MPPT, 15kW/Total
MPPT Range@Operating Voltage (VDC)	60-450
Max. PV Open Circuit Voltage (VDC)	500
Max. PV Charge Current (A)	160
Max. AC Charge Current (A)	160
Max. Charge Current (PV + AC) (A)	160
Battery	
Rated Voltage (VDC)	50
Floating Charge Voltage (VDC)	54
Overcharge Protection (VDC)	61
Battery	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	RS232 / RS485 / CAN
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP21
Operating Temperature	-10 °C~60°C
Relative Humidity	5%~95% (Non-condensing)
Storage Temperature	-15°C~60°C
Net/Gross Weight (kg)	14.5/16
Product/Carton Dimensions(H*W*D)	480*410*120mm/594*500*210mm
Max. Operating Altitude	4000m(Derating above 1000m)

Inverter-6.5KW CP-EK65

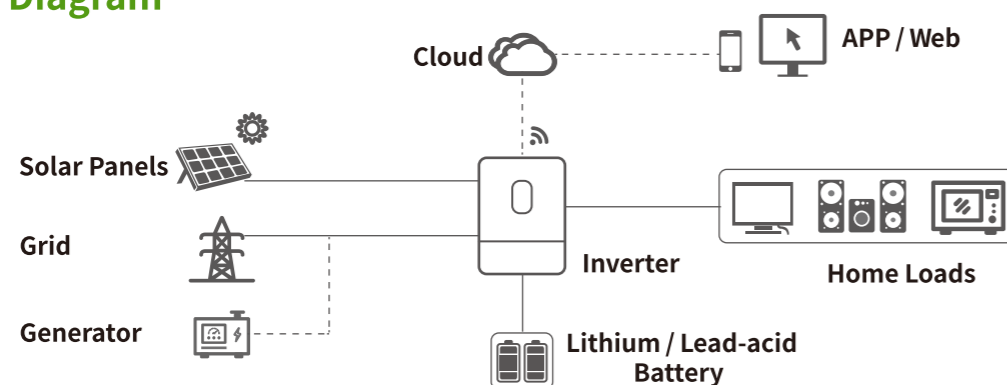
Working with Battery for Use



- Built-in 120A Solar Charger
- 27A MAX PV Input
- 5 Inch Display
- WiFi Monitoring(Optional)
- BMS Support Lithium/Lead-acid Battery

- DUAL Dual AC Out
- Feed-in to Grid
- Lithium Battery Activation
- Wide PV Input Voltage Range 60-500V

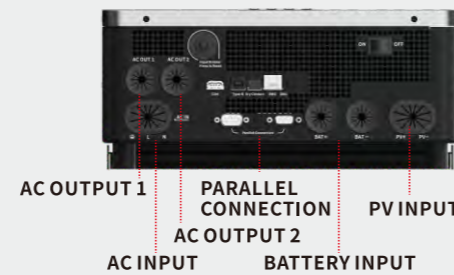
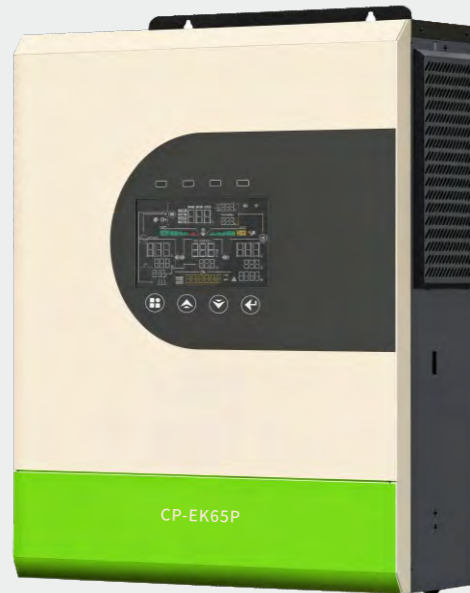
System Diagram













MODEL	CP-EK65
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	6.5
Surge Power (kVA)	12
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	Previous continuous load<2.5kW: 15min@102%~105%;1min@108%~120% load;10s@120%load or 1min@102%~120% load;10s@>120%load
Max. Efficiency (Battery Mode)	94%@48VDC
Parallel Quantity	NA
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	27A / 9000W
MPPT Range@Operating Voltage (VDC)	60-450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	120
Max AC Charge Current (A)	120
Max. Charge Current (PV + AC) (A)	120
Battery	
Rated Voltage (VDC)	48
Floating Charge Voltage (VDC)	54
Overcharge Protection (VDC)	61
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	RS232 / RS485 / CAN
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP21
Operating Temperature	-10°C - 60°C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15°C - 60°C
Net/Gross Weight (kg)	8.4/9.5
Product/Carton Dimensions (H*W*D)	410*336*110mm/490*394*176mm
Max. Operating Altitude	4000m (Derating above 1000m)

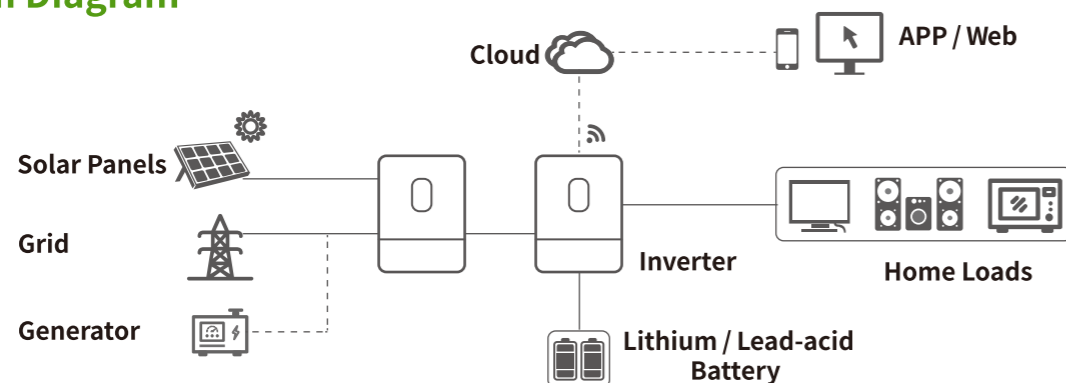
Inverter-6.5KW CP-EK65P

Working with Battery for Use



-  Built-in 80A Solar Charger
-  Workable with Generator
-  9 Inverters in Parallel
-  WiFi Monitoring(Optional)
-  Support Lithium/Lead-acid Battery
-  DUAL Dual AC Output
-  Feed-in to Grid
-  Detachable Dust Cover
-  Lithium Battery Activation
-  Wide PV Input Voltage Range 120-500V

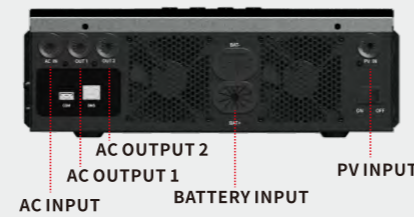
System Diagram



MODEL	CP-EK65P
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	6.5
Surge Power (kVA)	10
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%-110% load; 10s@110%-130% load; 3s@130%-150% load; 0.2s@>150% load
Max. Efficiency (Battery Mode)	93%@48VDC
Parallel Quantity	9
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	18A / 6000W
MPPT Range@Operating Voltage (VDC)	120-450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	80
Max AC Charge Current (A)	80
Max. Charge Current (PV + AC) (A)	80
Battery	
Rated Voltage (VDC)	48
Floating Charge Voltage (VDC)	54
Overcharge Protection (VDC)	61
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	RS485 / CAN / RS232 / Dry Contact
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP21
Operating Temperature	-10°C- 60°C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15°C- 60°C
Net/Gross Weight (kg)	9.5/11.8
Product/ Carton Dimensions (H*W*D)	510*306*115mm/580*360*230mm
Max. Operating Altitude	4000m (Derating above 1000m)

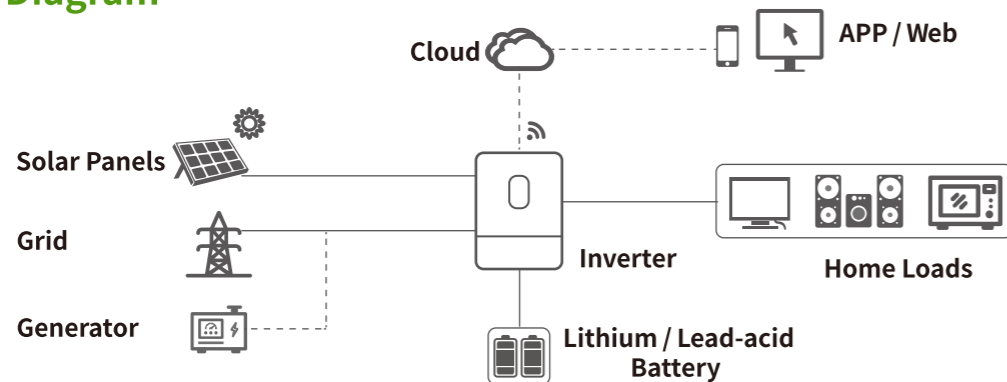
Inverter-5.0KW CP-EK50S

Working with Battery for Use



- Built-in 160A Solar Charger
- DUAL Dual AC Out
- 27A MAX PV Input
- Feed-in to Grid
- 5 Inch Display
- Lithium Battery Activation
- WiFi Monitoring(Optional)
- Wide PV Input Voltage Range 60-500V
- BMS Support Lithium/Lead-acid Battery

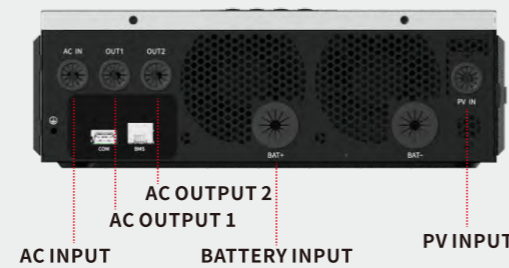
System Diagram



MODEL	CP-EK50S
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	5
Surge Power (kVA)	10
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	1min@102%-120% load, 10s>120% load
Max. Efficiency (Battery Mode)	93%@24VDC
Parallel Quantity	0
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	27A / 9000W
MPPT Range@Operating Voltage (VDC)	60-450V
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	160
Max AC Charge Current (A)	160
Max. Charge Current (PV + AC) (A)	160
Battery	
Rated Voltage (VDC)	24
Floating Charge Voltage (VDC)	27
Overcharge Protection (VDC)	30.5
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	RS232/RS485/CAN
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP21
Operating Temperature	-10°C- 60°C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15°C- 60°C
Net/Gross Weight (kg)	8.4/9.5
Product/Carton Dimensions (H*W*D)	410*336*110mm/490*394*176mm
Max. Operating Altitude	4000m (Derating above 1000m)
AC Activation	YES
PC Activation	YES

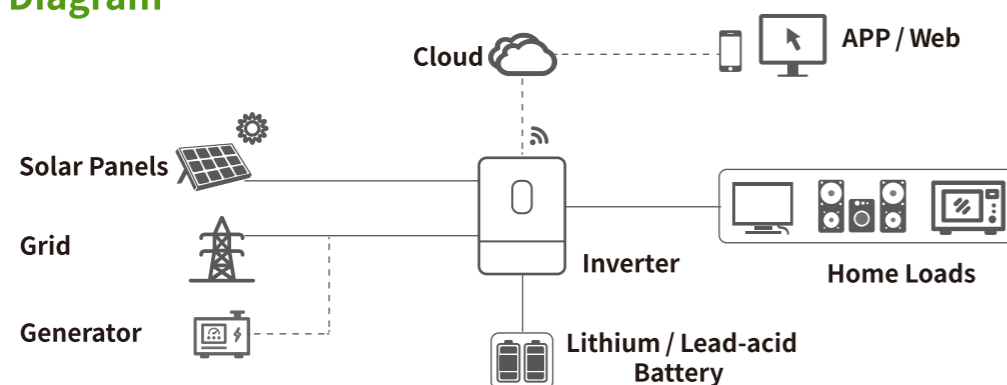
Inverter-3.6KW CP-EK36

Working with Battery for Use



- Built-in 100A Solar Charger
- Workable with Generator
- Complete CE Certificate
- WiFi Monitoring(Optional)
- Support Lithium/Lead-acid Battery
- Feed-in to Grid
- Detachable Dust Cover
- Lithium Battery Activation
- Wide PV Input Voltage Range 40-500V

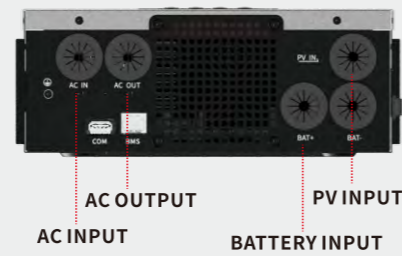
System Diagram












MODEL	CP-EK36
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	3.6
Surge Power (kVA)	5.7
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (APP/UPS mode) / 20 (GEN mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%-110% load; 10s@110%-130% load; 3s@130%-150% load; 0.2s@>150% load
Max. Efficiency (Battery Mode)	92.7%@24VDC
Parallel Quantity	NA
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	18A / 5000W
MPPT Range@Operating Voltage (VDC)	40-450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	100
Max AC Charge Current (A)	100
Max. Charge Current (PV + AC) (A)	100
Battery	
Rated Voltage (VDC)	24
Floating Charge Voltage (VDC)	27
Overcharge Protection (VDC)	30.5
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	Rs485 / CAN / RS232
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP21
Operating Temperature	-10°C- 60°C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15°C- 60°C
Net/Gross Weight (kg)	6.4/7.6
Product/ Carton Dimensions (H*W*D)	420*284*94mm/500*340*165mm
Max. Operating Altitude	4000m (Derating above 1000m)

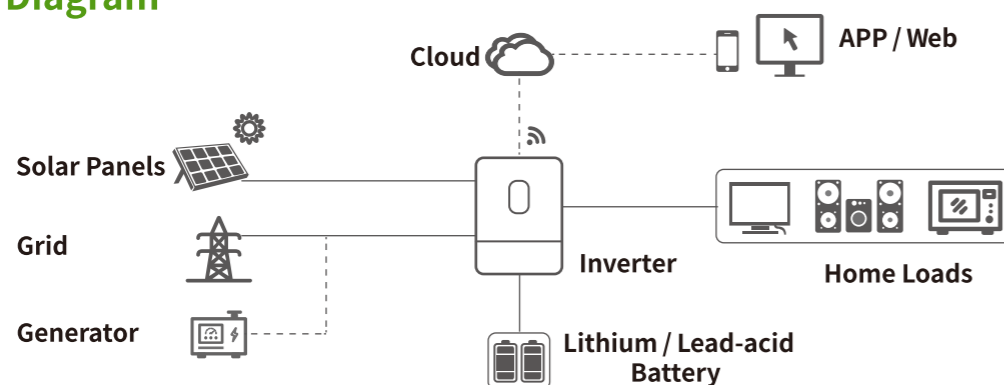
Inverter-1.2KW CP-EK12

Working with Battery for Use



-  Built-in 50A Solar Charger
-  Pure Sine Wave
-  LCD Display
-  Support Lithium/Lead-acid Battery
-  WiFi Monitoring(Optional)
-  Power Factor 1.0
-  Detachable Dust Cover
-  Lithium Battery Activation
-  Wide PV Input Voltage Range 18-125V

System Diagram



MODEL	CP-EK12
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	1.2
Surge Power (kVA)	2.4
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (APP/UPS/GEN mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%-120% load;10s@120%-200% load
Max. Efficiency (Battery Mode)	90%@12VDC
Parallel Quantity	NA
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	18A / 800W
MPPT Range@Operating Voltage (VDC)	17-115
Max PV Open Circuit Voltage (VDC)	115
Max PV Charge Current (A)	50
Max AC Charge Current (A)	50
Max. Charge Current (PV + AC) (A)	110
Battery	
Rated Voltage (VDC)	12
Floating Charge Voltage (VDC)	13.8
Overcharge Protection (VDC)	15
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	Rs232/ RS485 (optional)/CAN (optional)
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP21
Operating Temperature	-10°C- 60°C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15°C- 60°C
Net/Gross Weight (kg)	3.5/4.2
Product/ Carton Dimensions (H*W*D)	301*217*97mm/377*269*165mm
Max. Operating Altitude	4000m (Derating above 1000m)
AC Activation	YES
PC Activation	YES

Inverter-6KW CP-EQ60

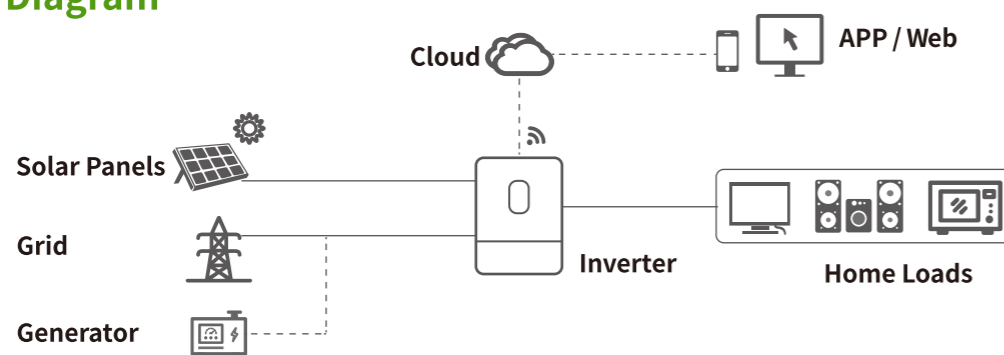
Working without Battery
Saving Battery Investment



- Detachable Dust Cover
- 27A MAX PV Input
- Feed-in to Grid
- WiFi Monitoring(Optional)

- DUAL Dual AC Out
- 5 Inch Display
- DC/AC Ratio Up to 1.5
- Wide PV Input Voltage Range 60-500V

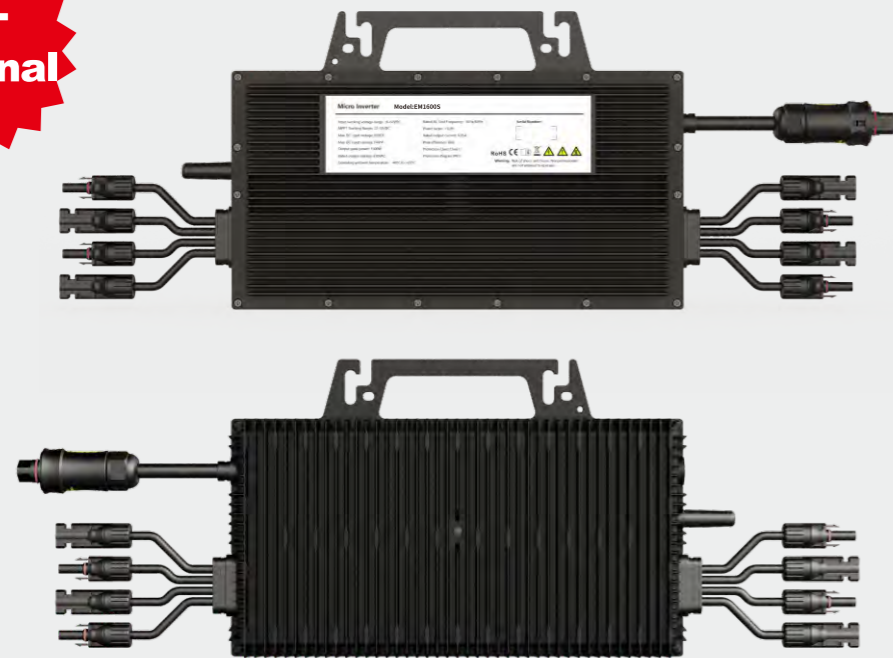
System Diagram



MODEL	CP-EQ60
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	6
Surge Power (kVA)	12
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Wave Form	Pure Sine Wave
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	27A / 9000W
MPPT Range@Operating Voltage (VDC)	60-450
Max PV Open Circuit Voltage (VDC)	500
Interface	
HMI	LCD
Interface	RS232
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP21
Operating Temperature	-10°C- 60°C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15°C- 60°C
Net/Gross Weight (kg)	6.5/7.6
Product/ Carton Dimensions (H*W*D)	410*336*110mm/490*394*176mm
Max. Operating Altitude	4000m (Derating above 1000m)

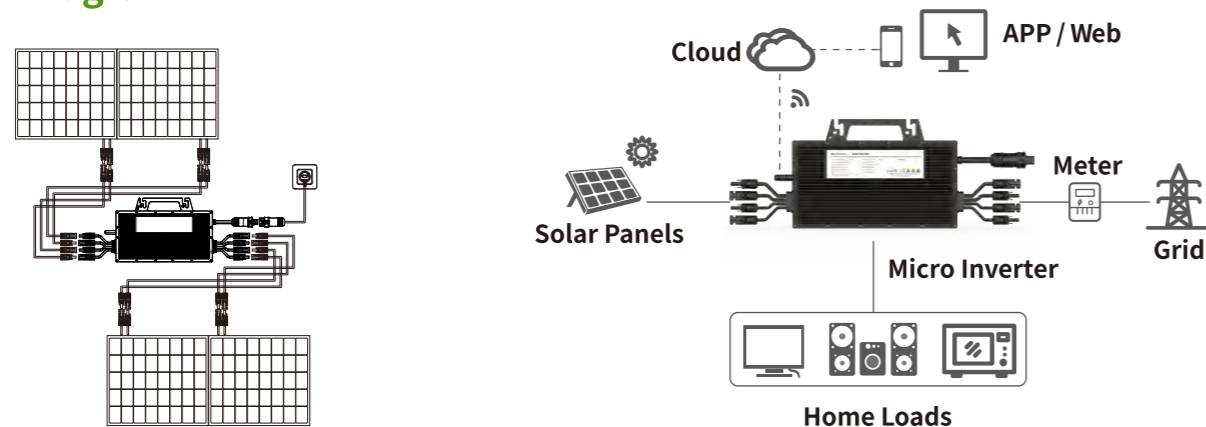
Micro Inverter-1600W/2000W/2250W

CT optional



- Plug-and-Play Made Effortless
- Single unit connects to 4 PV panel
- IP67 protection degree
- EN62109-1,EN62109-2; EN61000-6-2/4;EN61000-3-2/3; EN62920 Ordinance No.140;Rohs:IEC62321
- WiFi remote monitoring
- Multiple protection functions
- MPPT for maximum power generation and efficiency
- Suitable for crystalline silicon and thin film Pv panel

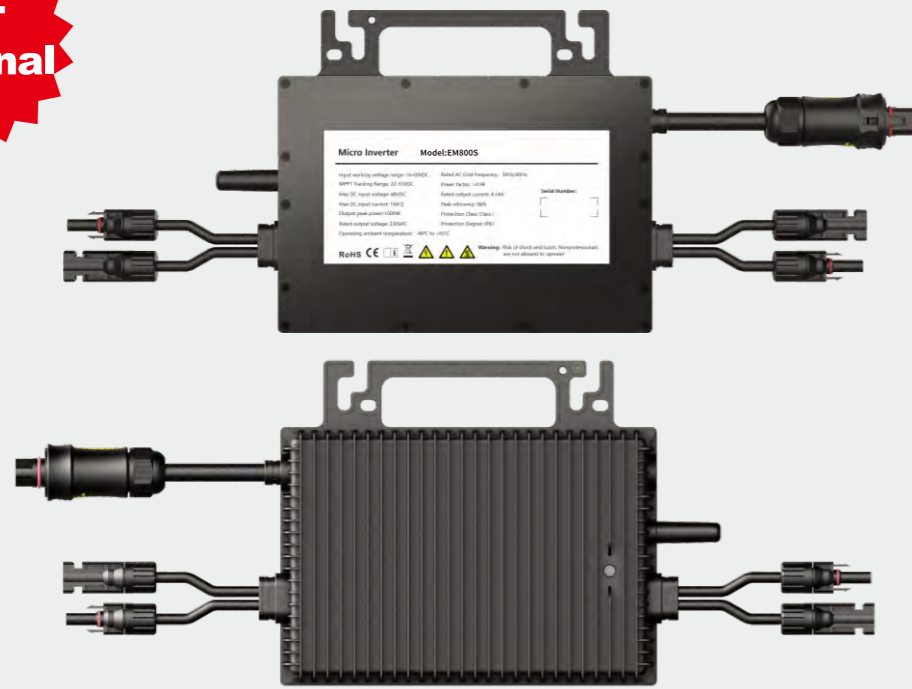
System Diagram



MODEL	EM1600	EM2000	EM2250
(DC)/InputData(DC)			
Recommended solar panel input power	275-530W×4	275-530W×4	275-630W×4
Number of DC input connections	MC4×4		
Max. input voltage	60V		
Max. input short-circuit current	25A*4		
PV Operating voltage	16-60V		
Start-up voltage	22V		
MPPT tracking range	22-55V		
MPPT tracking accuracy	>99.5%		
Max. continuous input current	16A*4	16A*4	18A*4
(AC)/OutputData(AC)			
Max. continuous output power	1600W	2000W	2250W
Nominal output voltage	230V		
Operating voltage range	190-270V		
Max. continuous output current	6.95A	8.69A	9.78A
Nominal output frequency	50Hz/60Hz		
Output frequency range	47.5-51.5Hz/57.5-62.5Hz		
THD	<5%		
Power factor	>0.99		
Peak efficiency	96%		
Protective class	Class I		
ProtectionFunction			
Operating ambient temp.	-40°C to +65°C		
Indication light quantity	Working status:Led lightt		
Communication connection mode	Wi-Fi/2 .4G		
Cooling method	Natural cooling(no fan)		
Working environment	Indoor and Outdoor		
Net/Gross Weight (kg)	5.2/6.7		
Product/ Carton Dimensions (L*W*H)	342mm*225.4mm*50mm/545mm*285mm*125mm		

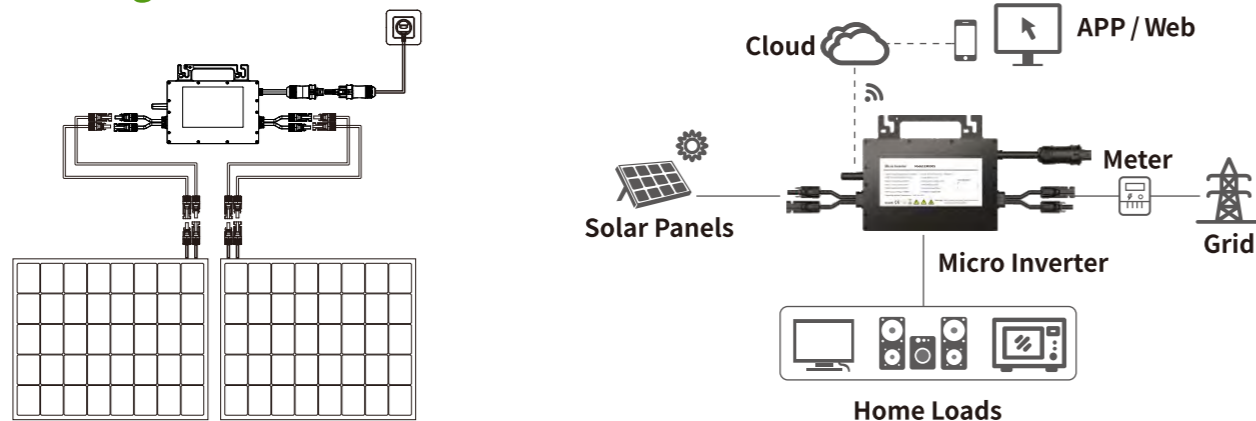
Micro Inverter-800W/1000W/1200W

CT optional



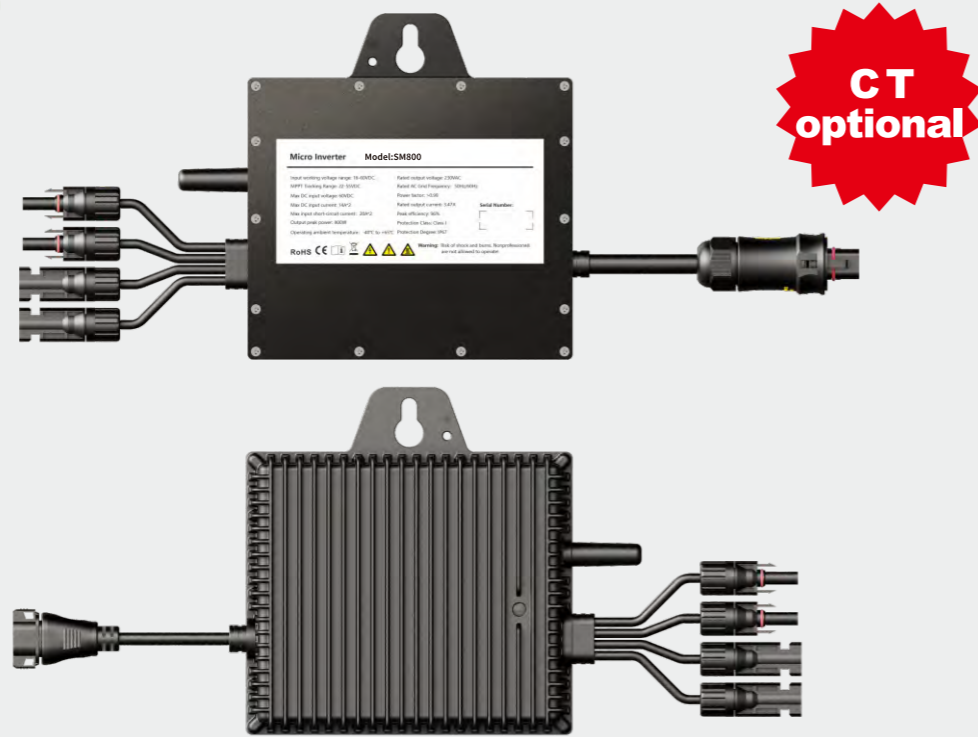
- Plug-and-Play Made Effortless
- Single unit connects to 2 PV panel
- IP67 protection degree
- VDE:VDE-AR-N4105;CE-LVD:EN62109-1/2
CE-EMC:EN61000-6-2/4;EN61000-3-2/3;
Rohs:IEC62321
- WiFi remote monitoring
- Multiple protection functions
- MPPT for maximum power generation and efficiency
- Suitable for crystalline silicon and thin film Pv panel

System Diagram



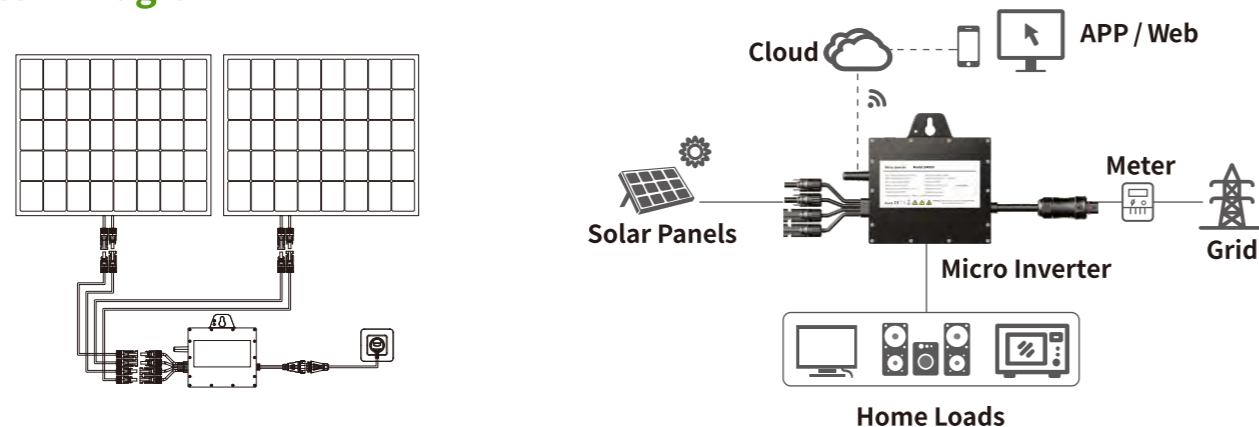
MODEL	EM800	EM1000	EM1200
(DC)/Input Data(DC)			
Recommended solar panel input power	200-430W×2	200-530W×2	200-625W×2
Number of DC input connections	MC4×2		
Max. input voltage	60V		
Max. input short-circuit current	20A*2		
PV Operating voltage	16-60V		
Start-up voltage	22V		
MPPT tracking range	22-55V		
MPPT tracking accuracy	>99.5%		
Max. continuous input current	14A*2	16A*2	18A*2
(AC)/Output Data(AC)			
Max. continuous output power	800W	1000W	1200W
Nominal output voltage	230V		
Operating voltage range	190-270V		
Max. continuous output current	3.47A	4.34A	5.21A
Nominal output frequency	50Hz/60Hz		
Output frequency range	47.5-51.5Hz/57.5-62.5Hz		
THD	<5%		
Power factor	>0.99		
Peak efficiency	96%		
Protective class	Class I		
Protection Function			
Operating ambient temp.	-40°C to +65°C		
Indication light quantity	Working status:Led lightt		
Communication connection mode	Wi-Fi/2 .4G		
Cooling method	Natural cooling(no fan)		
Working environment	Indoor and Outdoor		
Net/Gross Weight (kg)	2.6/3.6		
Product/Carton Dimensions (L*W*H)	227mm*195.5mm*42mm/395mm*255mm*110mm		

Micro Inverter-800W SM800



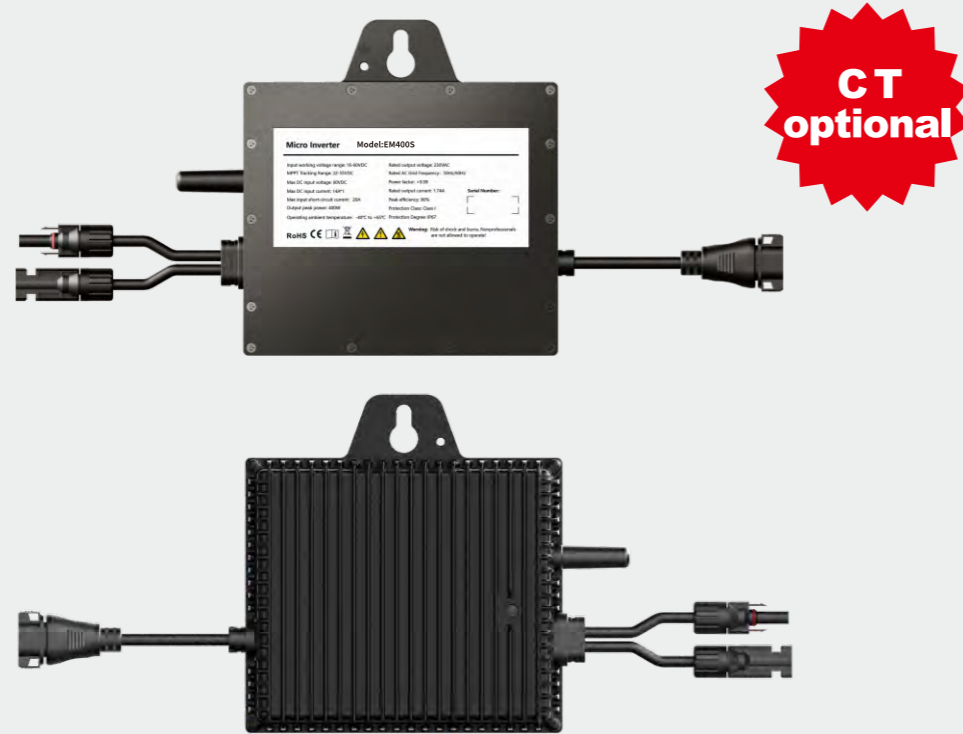
- Plug-and-Play Made Effortless
- Single unit connects to 2 PV panel
- IP67 protection degree
- EN50549;VDE4105:EN62109:IEC62321
- WiFi remote monitoring
- Multiple protection functions
- MPPT for maximum power generation and efficiency
- Suitable for crystalline silicon and thin film Pv panel

System Diagram



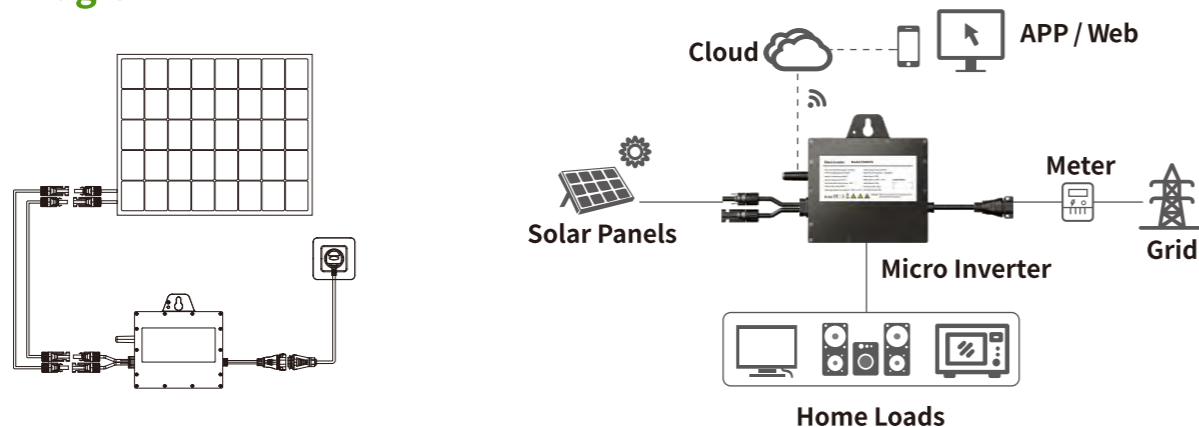
MODEL	SM800
(DC)/InputData(DC)	
Recommended solar panel input power	200-530W×2
Number of DC input connections	MC4×2
Max. input voltage	60V
Max. input short-circuit current	20A*2
PV Operating voltage	16-60V
Start-up voltage	22V
MPPT tracking range	22-55V
MPPT tracking accuracy	>99.5%
Max. continuous input current	14A*2
(AC)/OutputData(AC)	
Max. continuous output power	800W
Nominal output voltage	230V
Operating voltage range	190-270V
Max. continuous output current	3.47A
Nominal output frequency	50Hz/60Hz
Output frequency range	47.5-51.5Hz/57.5-62.5Hz
THD	<5%
Power factor	>0.99
Peak efficiency	96%
Protective class	Class I
ProtectionFunction	
Operating ambient temp.	-40°C to +65°C
Indication light quantity	Working status:Led lightt
Communication connection mode	Wi-Fi/2 .4G
Cooling method	Natural cooling(no fan)
Working environment	Indoor and Outdoor
Net/Gross Weight (kg)	1.9/2.9
Product/ Carton Dimensions (L*W*H)	181mm*193mm*38.5mm/320mm*250mm*105mm

Micro Inverter-400W/500W/600W



- Plug-and-Play Made Effortless
- Single unit connects to 1 PV panel
- IP67 protection degree
- EN50549; VDE4105; EN62109; IEC62321
- WiFi remote monitoring
- Multiple protection functions
- MPPT for maximum power generation and efficiency
- Suitable for crystalline silicon and thin film PV panel

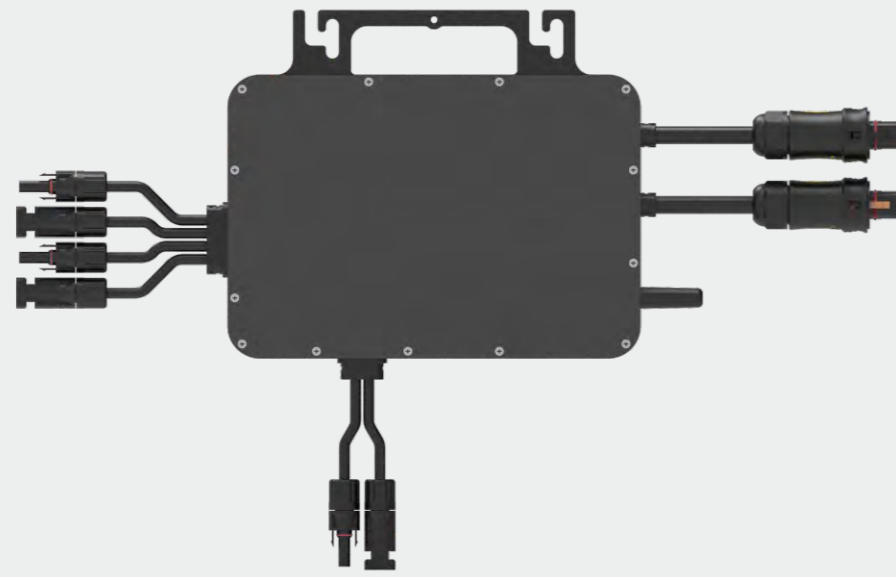
System Diagram



MODEL	EM400	EM500	EM600
(DC)/InputData(DC)			
Recommended solar panel input power	200-430W×1	200-530W×1	200-625W×1
Number of DC input connections	MC4×1		
Max. input voltage	60V		
Max. input short-circuit current	20A		
PV Operating voltage	16-60V		
Start-up voltage	22V		
MPPT tracking range	22-55V		
MPPT tracking accuracy	>99.5%		
Max. continuous input current	14A*1	16A*1	18A*1
(AC)/OutputData(AC)			
Max. continuous output power	400W	500W	600W
Nominal output voltage	230V		
Operating voltage range	190-270V		
Max. continuous output current	1.74A	2.17A	2.6A
Nominal output frequency	50Hz/60Hz		
Output frequency range	47.5-51.5Hz/57.5-62.5Hz		
THD	<5%		
Power factor	>0.99		
Peak efficiency	96%		
Protective class	Class I		
ProtectionFunction			
Operating ambient temp.	-40°C to +65°C		
Indication light quantity	Working status: Led light		
Communication connection mode	Wi-Fi/2.4G		
Cooling method	Natural cooling(no fan)		
Working environment	Indoor and Outdoor		
Net/Gross Weight (kg)	1.9/2.54		
Product/ Carton Dimensions (L*W*H)	181mm*193mm*38.5mm/320mm*250mm*105mm		

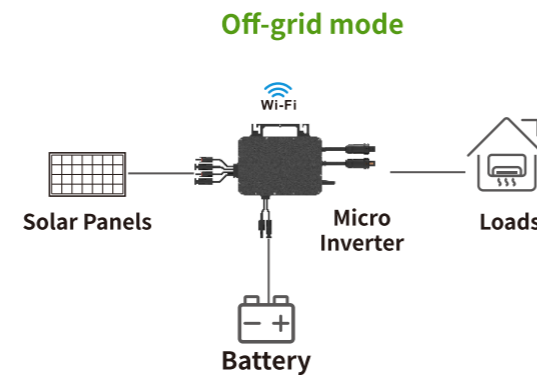
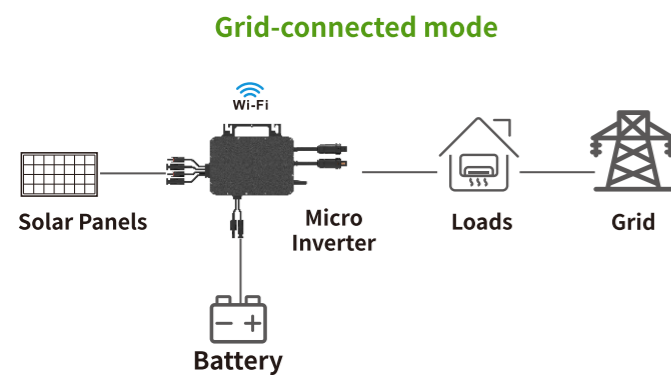
Micro Inverter On/Off-Grid 1000W

**CT
optional**



- High-precision MPPT PV Fast Charging
- Grid AC Reverse Charging Function
- Grid-connected Inverter Output Function
- Battery grid-connected inverter Output function
- High-Efficiency Off-grid Inverter Output Function
- LAN high-speed anti-backflow control function

System Diagram



MODEL	PVMI -1000
PV Input parameters	
Input voltage range	15V-60V
Maximum input current	20A*2
Maximum input power	500W*2
Battery Input parameters	
Voltage range	40V-60V
Maximum output current	25A
Maximum output	1300W
Battery charging parameters	
Maximum PV charging current	20A
Maximum PV charging power	1000W
Maximum mains charging current	20A
Maximum mains charging power	1000W
Communication output parameters	
Rated voltage (V)	230 (±2%)
Rated frequency (Hz)	50 (±0.2%)
Power factor of output	>0.9
Current total harmonic distortion	<3%
Output rating	1000W
maximumoutput	1200W
Protection	
Input undervoltage/overvoltage protection	Ensemble
Input overcurrent/short circuit protection	Ensemble
Output overvoltage/current/short circuit protection	Ensemble
Efficiency	
MPPT productiveness	≥96%
Battery off-grid efficiency	≥93.9%
City charging efficiency	≥92%
Mechanical parameters	
Working ambient temperature range	-40°C~+65°C
Standby ambient temperature range	-40°C~+75°C
Heat dissipation method	No fan natural heat dissipation, ultra quiet (<30dB), low loss
Levels of protection	IP65
Communications	
Response time of power grid control command	≤2s
Size	
Net/Gross Weight (kg)	7/10
Product (L*W*H)	260*218*46mm