

On-grid Inverter

ASP-100/125/136K-HV



FEATURES

Flexible design

Multi-communication interface: RS485, GPRS(optional), Wifi(optional)
DC breaker, easy to maintain and safe to use
Integrated functions of combiner box& DC lightning protection, reduce system cost for users

Efficient conversion

Transformerless,max. efficiency is up to 98.9%;
Euro. efficiency is up to 98.4%
Total current THD <2%
Three-level SVPWM control technology, increase DC voltage utilization

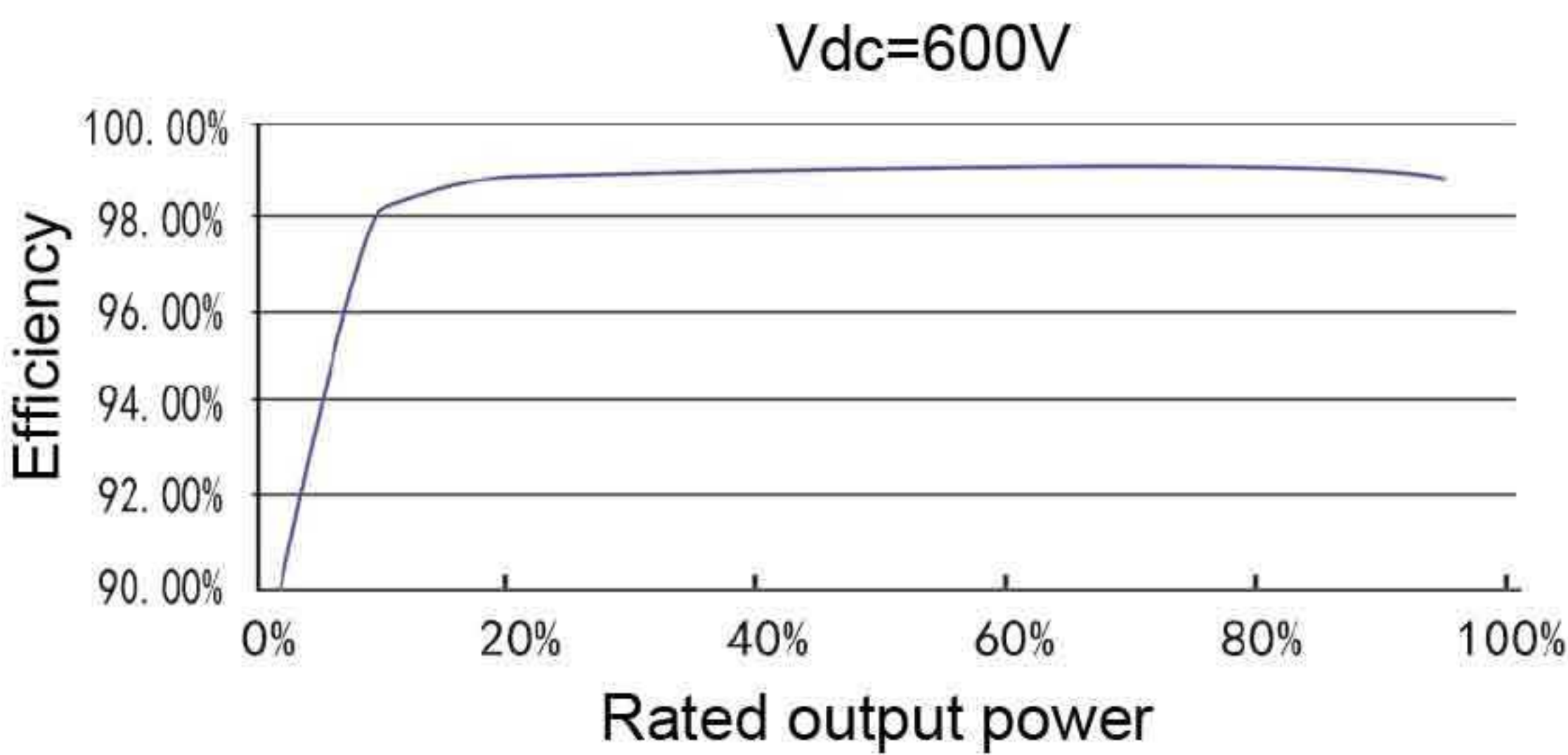
Grid friendly

LVRT HVRT function
Adjustable reactive power, power factor from 0.8 leading to 0.8 lagging
Active and passive anti-islanding protection
Continuously adjustable active power (0-100%) function

Excellent qualities

CQC Gold Sun Certification, TUV Certification, SAA Certification, CE Certification

EFFICIENCY CURVE



TECHNICAL DATA

Model Name	100K-HV	125K-HV	136K-HV
Input			
Max. DC input power	150KW	187.5KW	204KW
Max. DC input voltage		1100V	
Max. DC input current		30AX10	
MPPT voltage range		200~1000V	
Recommended MPP operating voltage		720V	
No. of MPPT		10	
Max. no. of strings per MPPT		2	
Output			
Rated output power	100KW	125KW	136KW
Max. output power	110KVA	137.5KVA	149.5KVA
Max. output current	127A	158.8A	172.6A
Rated grid voltage	500V		
Grid voltage range	422~550Vac		
Rated grid frequency	50Hz/60Hz		
Grid frequency range	45~55Hz/55~65Hz		
THD	< 2% (Under the rated power)		
Power factor	>0.99(rated power) /0.8 leading ~ 0.8 lagging		
DC current injection	< 0.5% (Under the rated power)		
System data			
Max. efficiency	98.9%	98.9%	98.9%
Euro. efficiency	98.3%	98.4%	98.4%
Humidity range	0-100% non-condensing		
Cooling type	Intelligent forced air cooling		
Temperature range	-25~+60℃		
Power consumption at night	< 1W		
Max. working altitude	4000m		
Display	LED/LCD(optional)		
Communication interface	RS485/Wifi/GPRS(optional)		
Protection			
DC reverse-polarity protection	Yes		
Short circuit protection	Yes		
Output over current protection	Yes		
Output over voltage protection	Yes		
Insulation resistance monitoring	Yes		
Residual current detection	Yes		
Surge protection	Yes		
Grid monitoring	Yes		
Islanding protection	Yes		
Temperature protection	Yes		
Integrated DC switch	Yes		
Mechanical data			
Dimensions (WxHxD)	1050x620x333mm		
Weight	85Kg		
Protection class	IP66		
Standard			
Grid-connected standard	NB/T 32004-2018; IEC61727		
Safety standard	NB/T 32004-2018; IEC 62109-1/2		
Electromagnetic compatibility	IEC61000-6-2/4		

On-grid Inverter

ASP-80/90/100/110/125KTLC



FEATURES

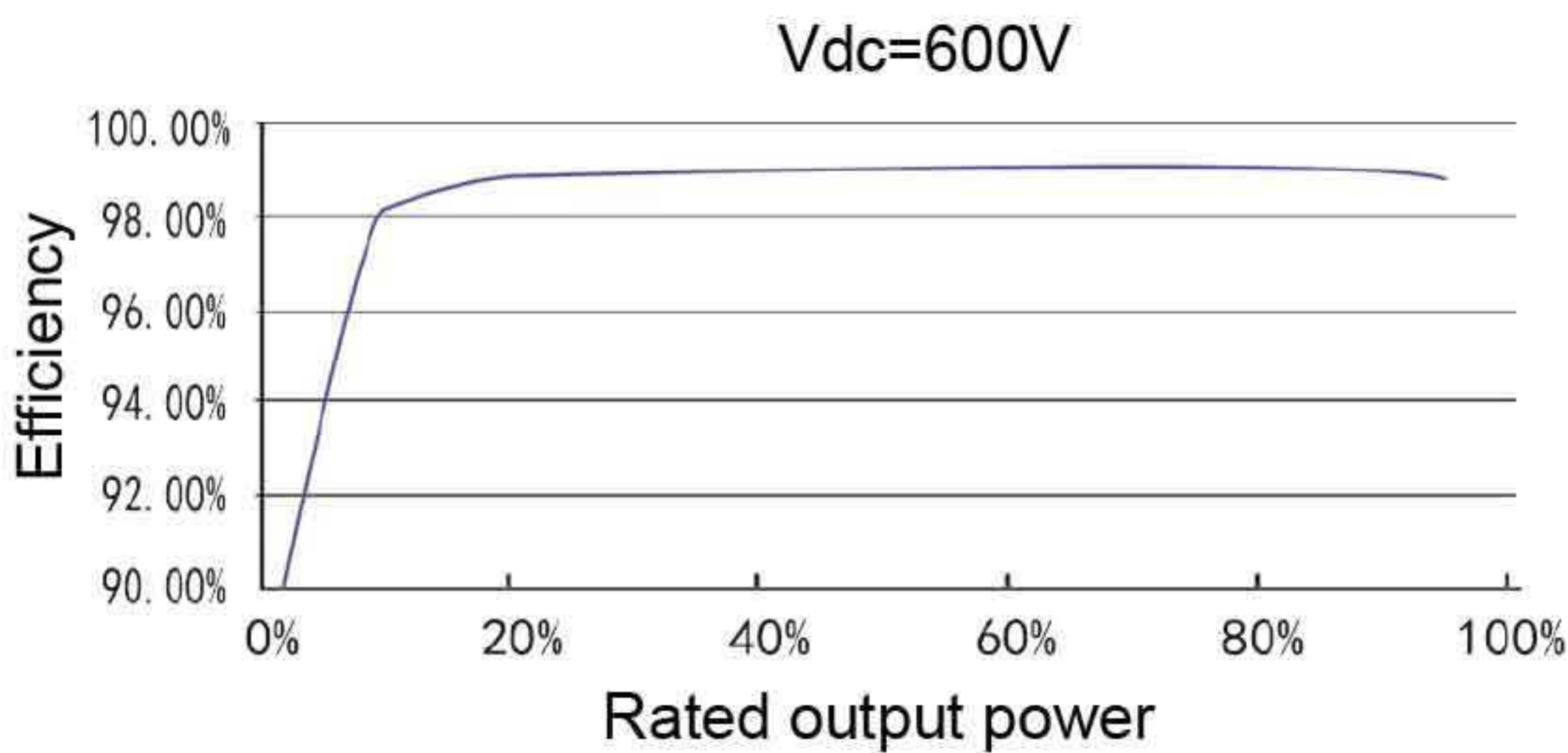
Flexible design
Multi-communication interface: RS485, GPRS(optional), Wifi(optional)
DC breaker, easy to maintain and safe to use
Integrated functions of combiner box& DC lightning protection, reduce system cost for users

Efficient conversion
Transformerless,max. efficiency is up to 98.9%;
Euro. efficiency is up to 98.2%
Total current THD <2%
Three-level SVPWM control technology, increase DC voltage utilization

Grid friendly
LVRT HVRT function
Adjustable reactive power, power factor from 0.8 leading to 0.8 lagging
Active and passive anti-islanding protection
Continuously adjustable active power (0-100%) function

Excellent qualities
CQC Gold Sun Certification, TUV Certification, SAA Certification, CE Certification

EFFICIENCY CURVE



TECHNICAL DATA

Model Name	80KTLC	90KTLC	100KTLC	110KTLC	125KTLC
Input					
Max. DC input power	120KW	135KW	150KW	165KW	187.5KW
Max. DC input voltage	1100V				
Max. DC input current	30A*8	30A*9	30A*10	30A*10	30A*10
MPPT voltage range	200~1000V				
Recommended MPP operating voltage	600V				
No. of MPPT	8	9	10	10	10
Max. no. of strings per MPPT	2				
Output					
Rated output power	80KW	90KW	100KW	110KW	125KW
Max. output power	88KVA	99KVA	110KVA	121KVA	137.5KVA
Max. output current	127A	142.9A	158.8A	174.6A	199.3A
Rated grid voltage	400V				
Grid voltage range	310~480Vac				
Rated grid frequency	50Hz/60Hz				
Grid frequency range	45~55Hz/55~65Hz				
THD	< 2% (Under the rated power)				
Power factor	>0.99(rated power) /0.8 leading ~ 0.8 lagging				
DC current injection	< 0.5% (Under the rated power)				
System data					
Max. efficiency	98.6%	98.6%	98.7%	98.7%	98.9%
Euro. efficiency	98.1%	98.1%	98.1%	98.1%	98.2%
Humidity range	0-100% non-condensing				
Cooling type	Intelligent forced air cooling				
Temperature range	-25~+60℃				
Power consumption at night	< 1W				
Max. working altitude	4000m				
Display	LED/LCD(optional)				
Communication interface	RS485/Wifi/GPRS(optional)				
Protection					
DC reverse-polarity protection	Yes				
Short circuit protection	Yes				
Output over current protection	Yes				
Output over voltage protection	Yes				
Insulation resistance monitoring	Yes				
Residual current detection	Yes				
Surge protection	Yes				
Grid monitoring	Yes				
Islanding protection	Yes				
Temperature protection	Yes				
Integrated DC switch	Yes				
Mechanical data					
Dimensions (WxHxD)	1050x620x333mm				
Weight	85Kg				
Protection class	IP66				
Standard					
Grid-connected standard	NB/T 32004-2018; IEC61727				
Safety standard	NB/T 32004-2018; IEC 62109-1/2				
Electromagnetic compatibility	IEC61000-6-2/4				

On-grid Inverter

ASP-50/60KTLC,70/75KTLC-HV



FEATURES

Flexible design

Multi-communication interface: RS485, GPRS(optional), Wifi(optional)
DC breaker, easy to maintain and safe to use
Integrated functions of combiner box& DC lightning protection, reduce system cost for users

Efficient conversion

Transformerless,max. efficiency is up to 99%;
Euro. efficiency is up to 98.5%
Total current THD <2%
Three-level SVPWM control technology, increase DC voltage utilization

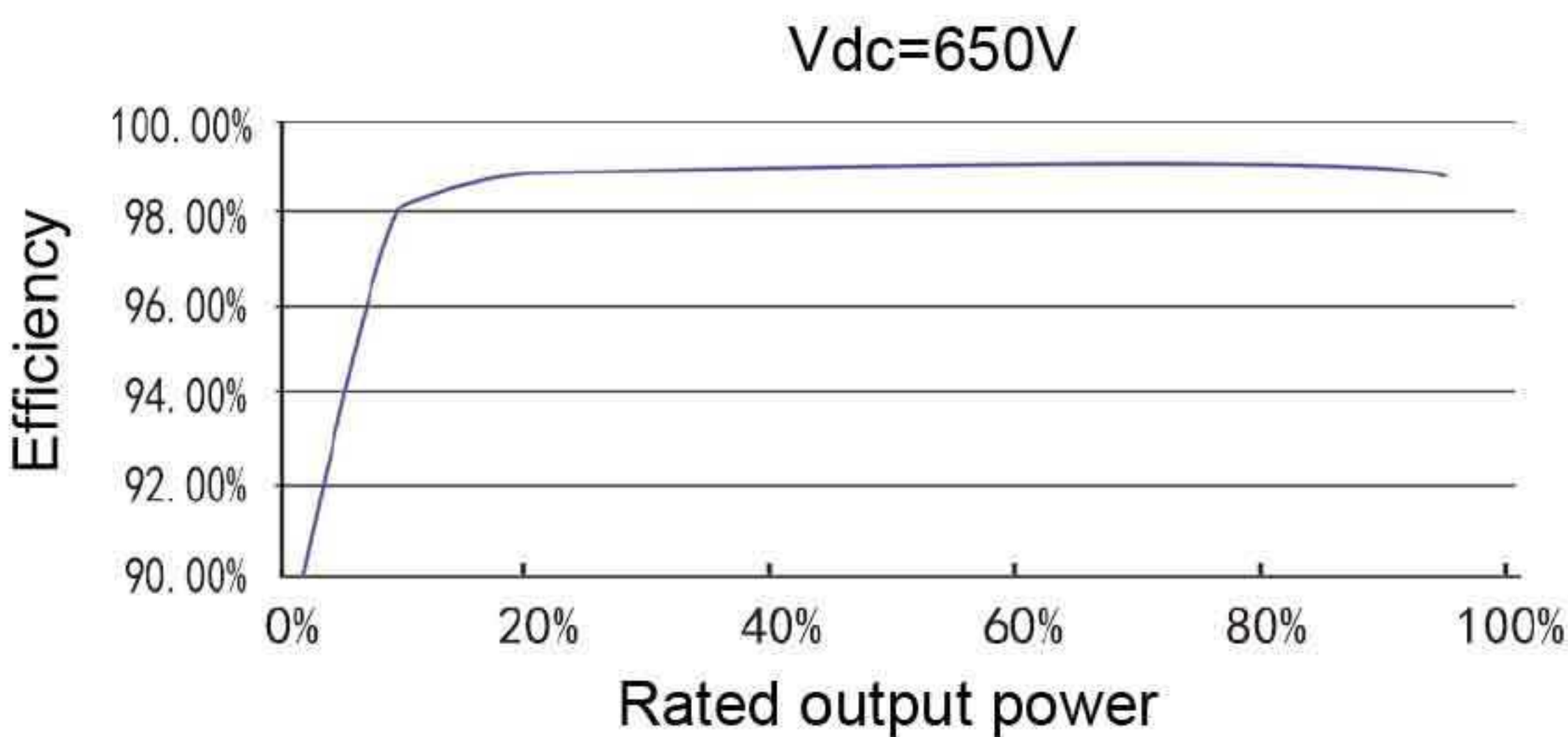
Grid friendly

LVRT HVRT function
Adjustable reactive power, power factor from 0.8 leading to 0.8 lagging
Active and passive anti-islanding protection
Continuously adjustable active power (0-100%) function

Excellent qualities

CQC Gold Sun Certification, TUV Certification, SAA Certification, CE Certification

EFFICIENCY CURVE

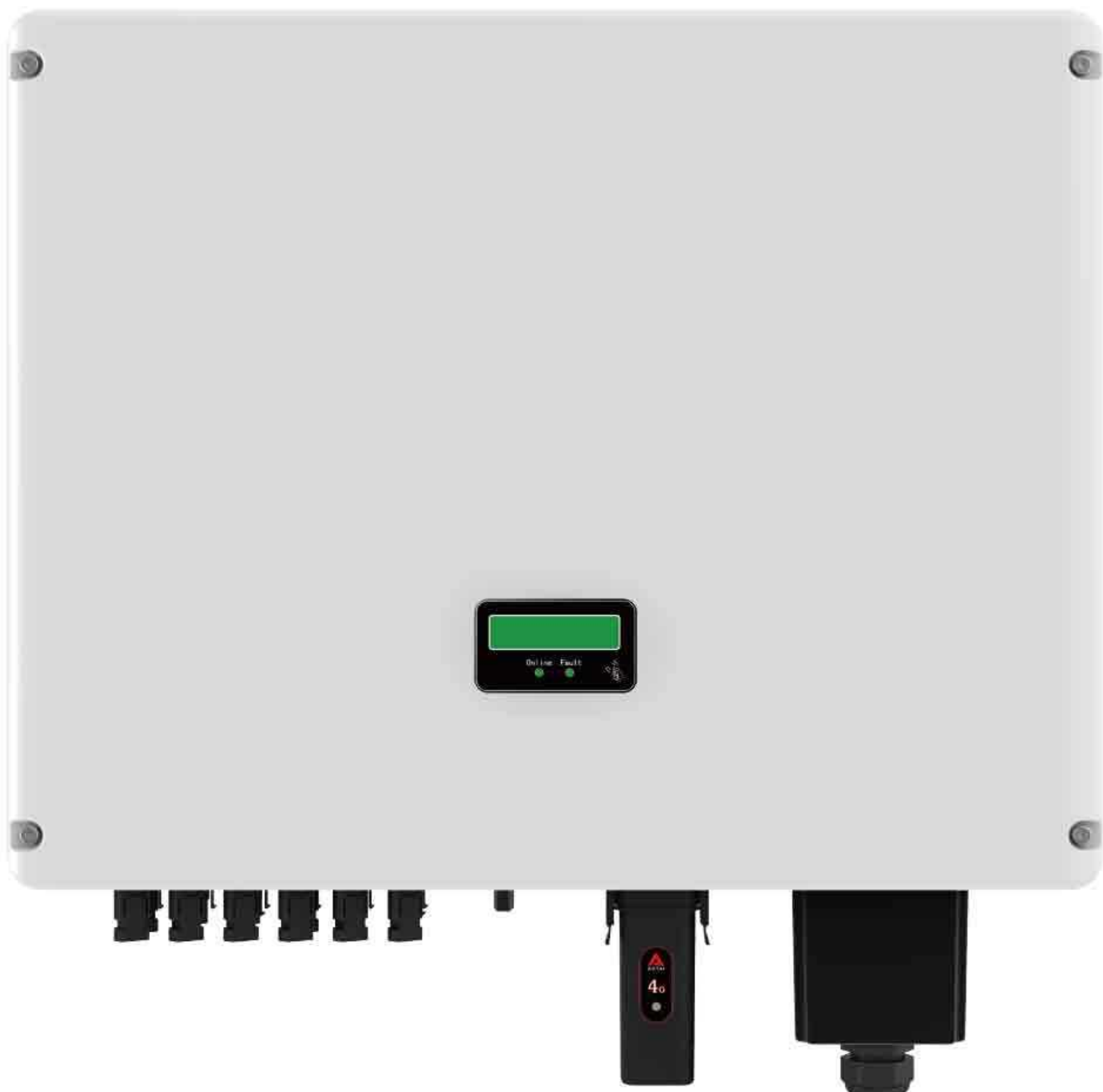


TECHNICAL DATA

Model Name	50KTLC	60KTLC	70KTLC-HV	75KTLC-HV
Input				
Max. DC input power	65000W	78000W	91000W	97500W
Max. DC input voltage	1100V			
Max. DC input current	45/45/45A			
MPPT voltage range	250~1000V			
Recommended MPP operating voltage	650V		740V	
No. of MPPT	3			
Max. no. of strings per MPPT	3	4		
Output				
Rated output power	50000W	60000W	70000W	75000W
Max. output power	55KVA	66KVA	77KVA	82.5KVA
Max. output current	80A	96A	89A	95A
Rated grid voltage	400V		500V	
Grid voltage range	310~480Vac		422~550Vac	
Rated grid frequency	50Hz/60Hz			
Grid frequency range	45~55Hz/55~65Hz			
THD	< 2% (Under the rated power)			
Power factor	> 0.99(rated power) /0.8 leading ~ 0.8 lagging			
DC current injection	< 0.5% (Under the rated power)			
System data				
Max. efficiency	98.7%	98.9%	99%	
Euro. efficiency	98.3%	98.5%	98.5%	
Humidity range	0-100% non-condensing			
Cooling type	Intelligent forced air cooling			
Temperature range	-25~+60℃			
Power consumption at night	< 1W			
Max. working altitude	4000m			
Display	LED/LCD(optional)			
Communication interface	RS485/Wifi/GPRS(optional)			
Protection				
DC reverse-polarity protection	Yes			
Short circuit protection	Yes			
Output over current protection	Yes			
Output over voltage protection	Yes			
Insulation resistance monitoring	Yes			
Residual current detection	Yes			
Surge protection	Yes			
Grid monitoring	Yes			
Islanding protection	Yes			
Temperature protection	Yes			
Integrated DC switch	Yes			
Mechanical data				
Dimensions (WxHxD)	681x660x282mm			
Weight	47Kg			
Protection class	IP66			
Standard				
Grid-connected standard	NB/T 32004-2018; IEC61727			
Safety standard	NB/T 32004-2018; IEC 62109-1/2			
Electromagnetic compatibility	IEC61000-6-2/4			

On-grid Inverter

ASP-33/36/40KTLC



FEATURES



Flexible design

Multi-communication interface: RS485, GPRS(optional), Wifi(optional)
DC breaker, easy to maintain and safe to use
Integrated functions of combiner box& DC lightning protection, reduce system cost for users



Efficient conversion

Transformerless,max. efficiency is up to 98.8%;
Euro. efficiency is up to 98.3%
Total current THD <2%
Three-level SVPWM control technology, increase DC voltage utilization



Grid friendly

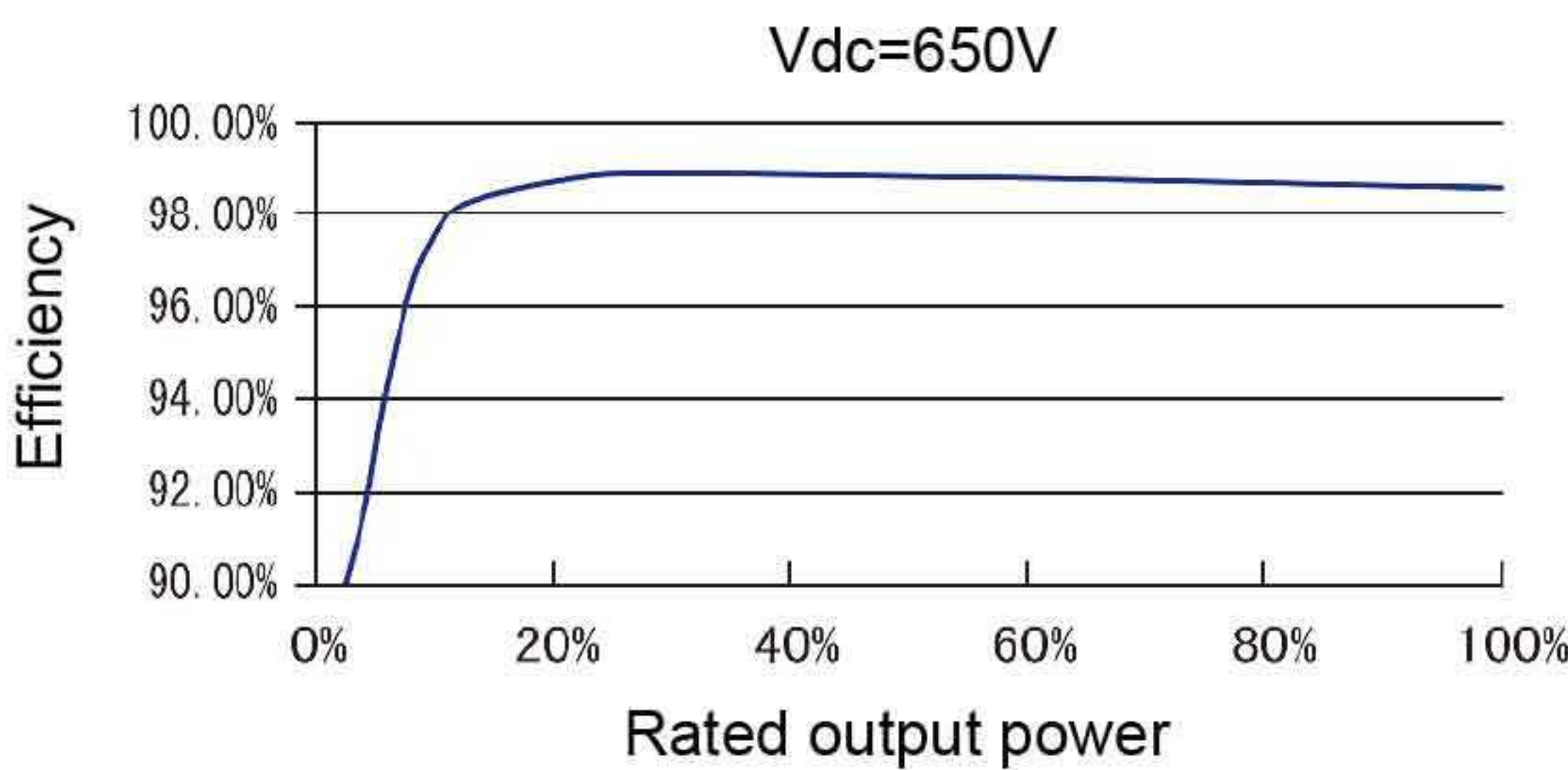
LVRT function Adjustable reactive power, power factor from 0.8 leading to 0.8 lagging
Active and passive anti-islanding protection



Excellent qualities

CQC Gold Sun Certification, TUV Certification, SAA Certification, CE Certification

EFFICIENCY CURVE



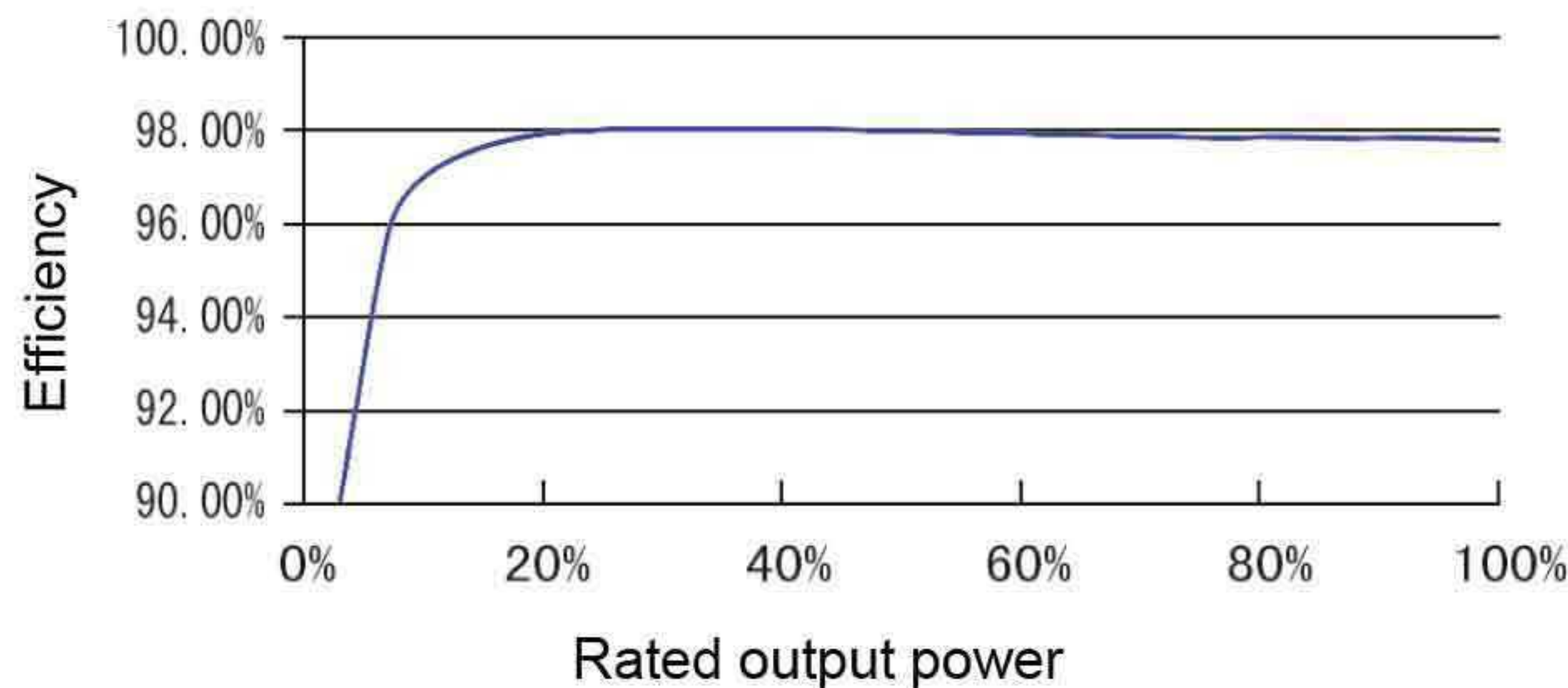
TECHNICAL DATA

Model Name	33KTLC	36KTLC	40KTLC
Input			
Max. DC input power	42900W	46800W	52000W
Max. DC input voltage	1100V		
MPPT voltage range	250~1000V		
Max. DC input current	45/36A	45/36A	45/45A
Recommended MPP operating voltage	650V		
No. of MPPT	2		
Max. no. of strings per MPPT	3/2	3/2	4
Output			
Rated output power	33000W	36000W	40000W
Max. output power	36.3KVA	39.6KVA	44KVA
Max. output current	53A	56A	65A
Rated grid voltage	400V		
Grid voltage range	310~480Vac		
Rated grid frequency	50Hz/60Hz		
Grid frequency range	45~55Hz/55~65Hz		
THD	< 2% (Under the rated power)		
Power factor	>0.99(under the rated power)/Adjustable range: 0.8 leading ~ 0.8 lagging		
DC current injection	< 0.5% (Under the rated power)		
System data			
Max. efficiency	98.7%	98.8%	98.8%
Euro. efficiency	98.2%	98.2%	98.3%
Humidity range	0-100% non-condensing		
Cooling type	Intelligent forced air cooling		
Temperature range	-25~+60℃		
Power consumption at night	< 1W		
Max. working altitude	4000m		
Display	LED indicator /LCD displayer (optional)		
Communication interface	Wifi/RS485/GPRS(optional)		
Protection			
DC reverse-polarity protection	Yes		
Short circuit protection	Yes		
Output over current protection	Yes		
Output over voltage protection	Yes		
Insulation resistance monitoring	Yes		
Residual current detection	Yes		
Surge protection	Yes		
Grid monitoring	Yes		
Islanding protection	Yes		
Temperature protection	Yes		
Integrated DC switch	Yes		
Mechanical data			
Dimensions (WxHxD)	552x482x209mm		
Weight	32Kg		
Protection class	IP66		
Standard			
Grid-connected standard	NB/T 32004-2018; IEC61727		
Safety standard	NB/T 32004-2018; IEC 62109-1/2		
Electromagnetic compatibility	IEC61000-6-2/4		

ASP-15/17/20/23/25/28/30KTLC



CQC Gold Sun Certification,
TUV Certification, SAA
Certification, CE Certification

 $V_{dc}=650V$ 

Model Name	15KTLC	17KTLC	20KTLC	23KTLC	25KTLC	28KTLC	30KTLC
------------	--------	--------	--------	--------	--------	--------	--------

Grid-connected standard	NB/T 32004-2018; IEC61727
Safety standard	NB/T 32004-2018; IEC 62109-1/2
Electromagnetic compatibility	IEC61000-6-2/4

On-grid Inverter

ASP-6/8/10/12KTLC



FEATURES



Flexible design

Multi-communication interface:
RS485, GPRS(optional),
Wifi (optional)
DC breaker, easy to maintain and
safe to use
Digital DSP control technology



Efficient conversion

Transformerless,max.
efficiency is up to 98.7%;
Euro. efficiency is up to
98.2%
Total current THD <2%
Three-level SVPWM control
technology, increase DC
voltage utilization



Grid friendly

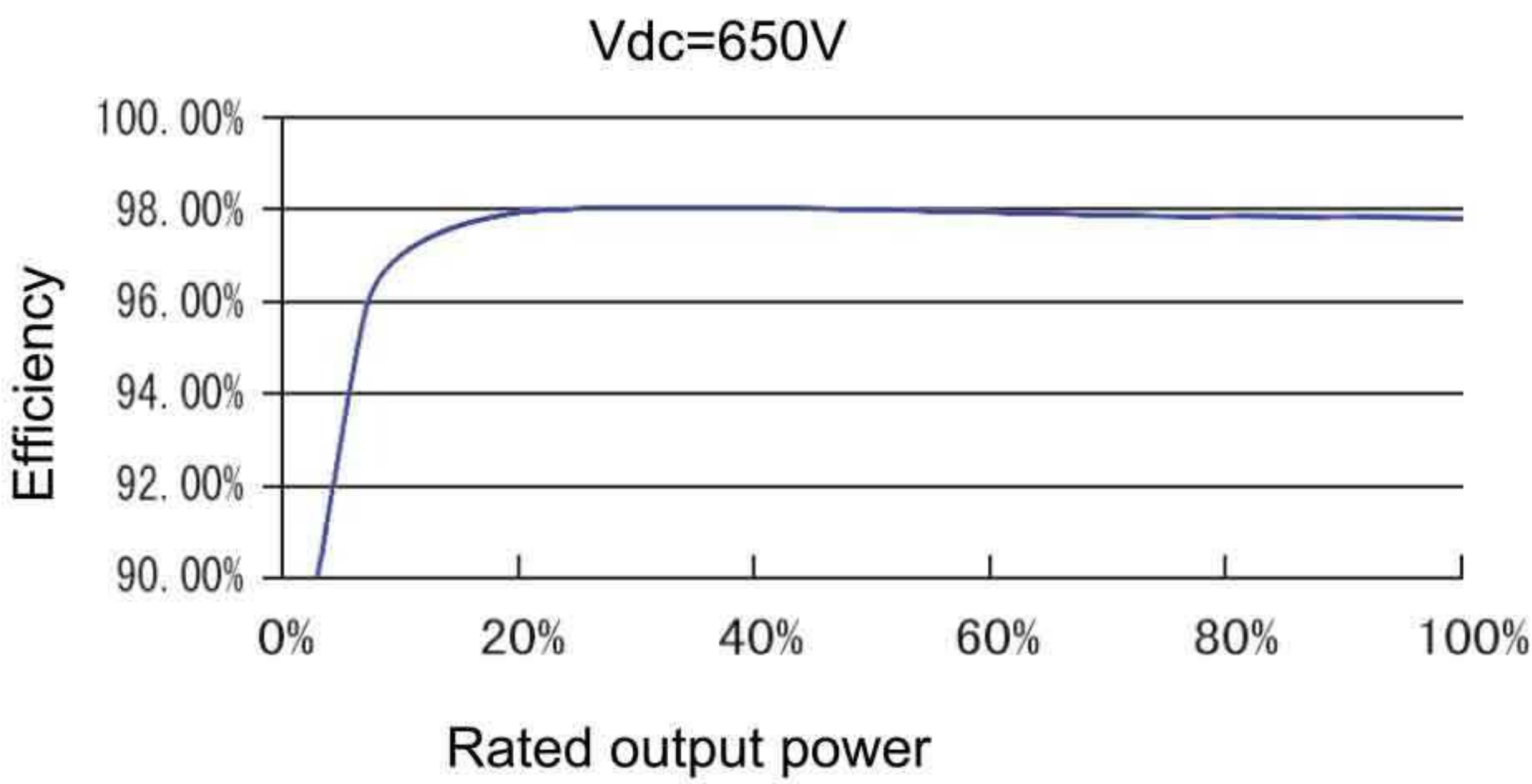
Adjustable reactive power,
power factor from 0.8
leading to 0.8 lagging
Active and passive
anti-islanding protection



Excellent qualities

CQC Gold Sun Certification,
TUV Certification, SAA
Certification, CE Certification

EFFICIENCY CURVE

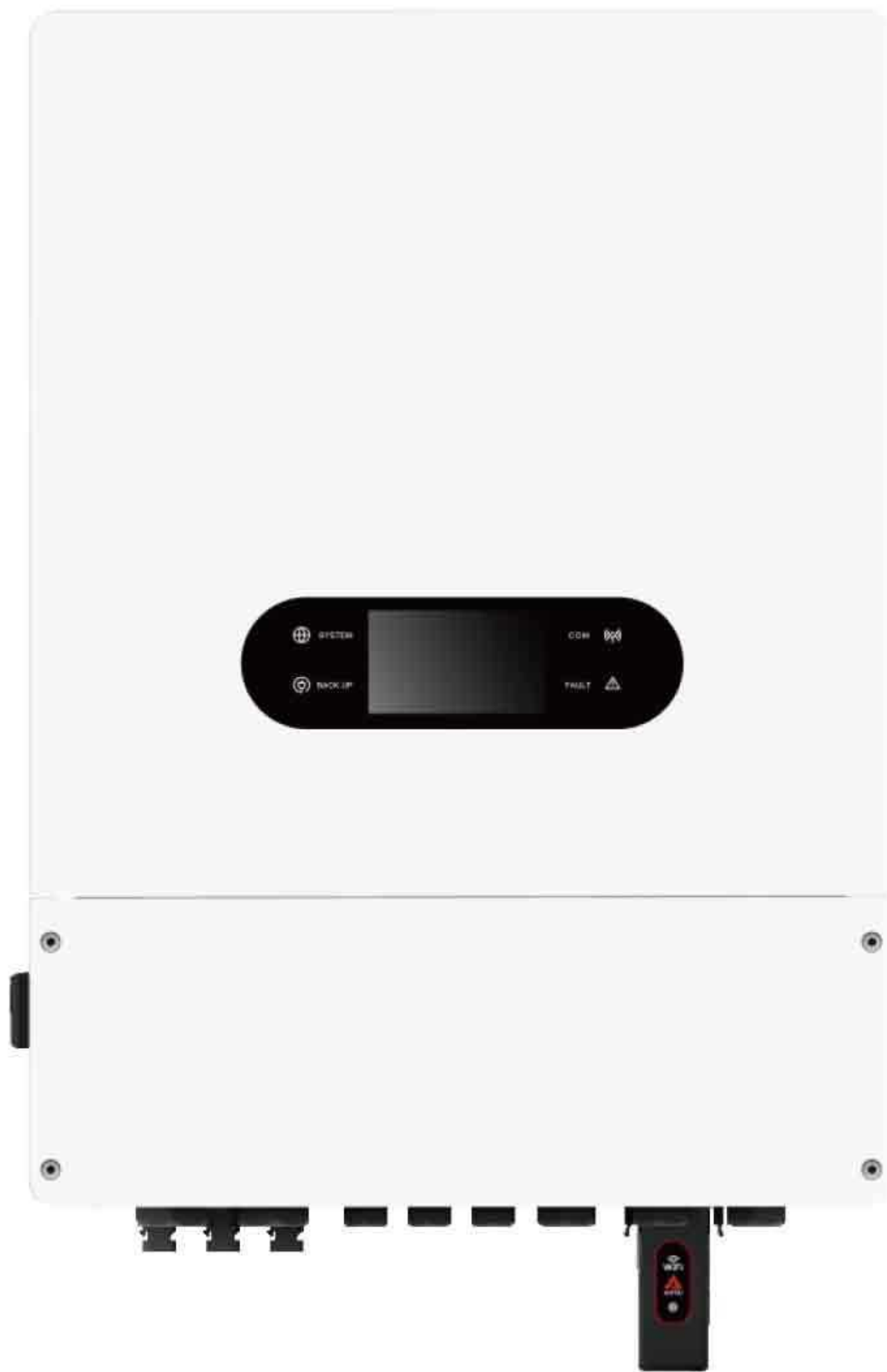


TECHNICAL DATA

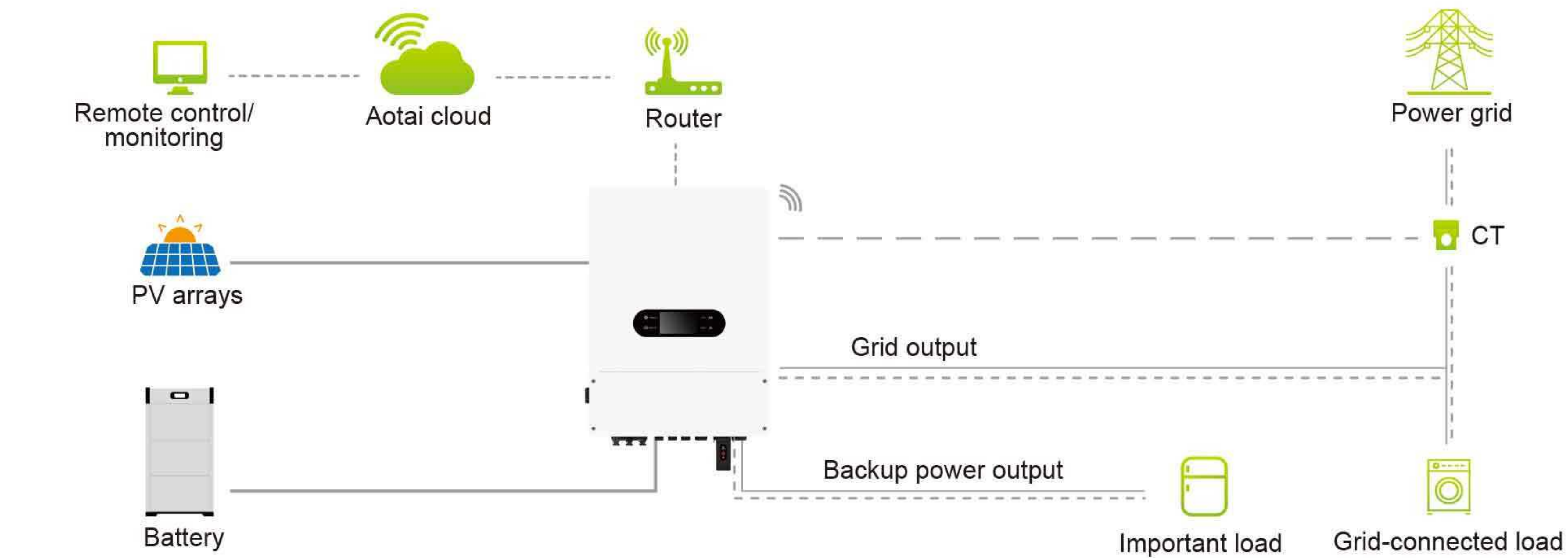
Model Name	6KTLC	8KTLC	10KTLC	12KTLC
Input				
Max. DC input power	7800W	10400W	13000W	15600W
Max. DC input voltage	1100V			
Max. DC input current	18/18A			
MPPT voltage range	180-1000V			
Recommended MPP operating voltage	650V			
No.of MPPT	2			
Max. no. of strings per MPPT	1			
Output				
Rated output power	6000W	8000W	10000W	12000W
Max. output power	6.6kVA	8.8kVA	11kVA	13.2kVA
Max. output current	10A	13.3A	16.7A	20A
Rated grid voltage	400V			
Grid voltage range	310-480Vac			
Rated grid frequency	50Hz/60Hz			
Grid frequency range	45~55Hz/55~65Hz			
THD	<2% (Under the rated power)			
Power factor	>0.99 (Under the rated power) / Adjustable range: 0.8 leading~0.8 lagging			
DC current injection	<0.5% (Under the rated power)			
System data				
Max. efficiency	98.5%	98.5%	98.6%	98.7%
Euro. efficiency	97.9%	98%	98.2%	98.1%
Humidity range	0~100%, non-condensing			
Cooling type	Intelligent forced air cooling			
Temperature range	-25℃~60℃			
Power consumption at night	<1W			
Max. working altitude	4000m			
Display	LED indication / LCD display (Optional)			
Communication interface	Wifi/RS485/GPRS			
Protection				
DC reverse-polarity protection	Yes			
Short circuit protection	Yes			
Output over current protection	Yes			
Output over voltage protection	Yes			
Insulation resistance monitoring	Yes			
Residual current detection	Yes			
Surge protection	Yes			
Grid monitoring	Yes			
Islanding protection	Yes			
Temperature protection	Yes			
Integrated DC switch	Yes			
Mechanical data				
Dimensions (WxHxD)	427x450x204mm			
Weight	15kg			
Protection class	IP66			
Standard				
Grid-connected standard	NB/T 32004-2018; IEC61727			
Safety standard	NB/T 32004-2018; IEC 62109-1/2			
Electromagnetic compatibility	IEC61000-6-2/4			

Hybrid Inverter

AEP-8 /10 /12KS48P3



Smart Energy Solutions



TECHNICAL DATA

Modle	AEP-8KS48P3	AEP-10KS48P3	AEP-12KS48P3
-------	-------------	--------------	--------------

Battery input data

Battery Type	Lithium or lead acid battery		
Rated battery voltage(V)	48		
Maximum charging voltage(V)	≤60 (Configurable)		
Maximum charge/discharge current(A)	190	210	250

PV input data

Maximum DC input power(kw)	16	20	24
Maximum DC input voltage(V)	1000		
MPPT Operating voltage range(V)	200~800		
Starting voltage(V)	150		
Maximum input current(A)	18/18	36/18	36/18
MPPT number	2	2	2

AC output parameters (On-Grid)

Maximum output apparent power (VA)	8800	11000	13200
Rated output voltage(V)	400		
Rated output frequency(Hz)	50/60HZ		
Max output current(A)	13.3	16.7	20
Output power factor	~1 (-0.8 leading~+0.8 lagging)		

AC output parameters(Off-Grid)

Rated output apparent power(VA)	8000	10000	12000
Maximum output apparent power(VA)	16000,15sec	20000,15sec	24000,15sec
Rated output voltage(V)	380/400		
Rated output frequency(Hz)	50/60		
Max output current(A)	13.3	16.7	20

Efficiency

Max efficiency(PV)	98%		
Max efficiency(battery)	94.5%		
Europe efficiency	97.5%		

Protection

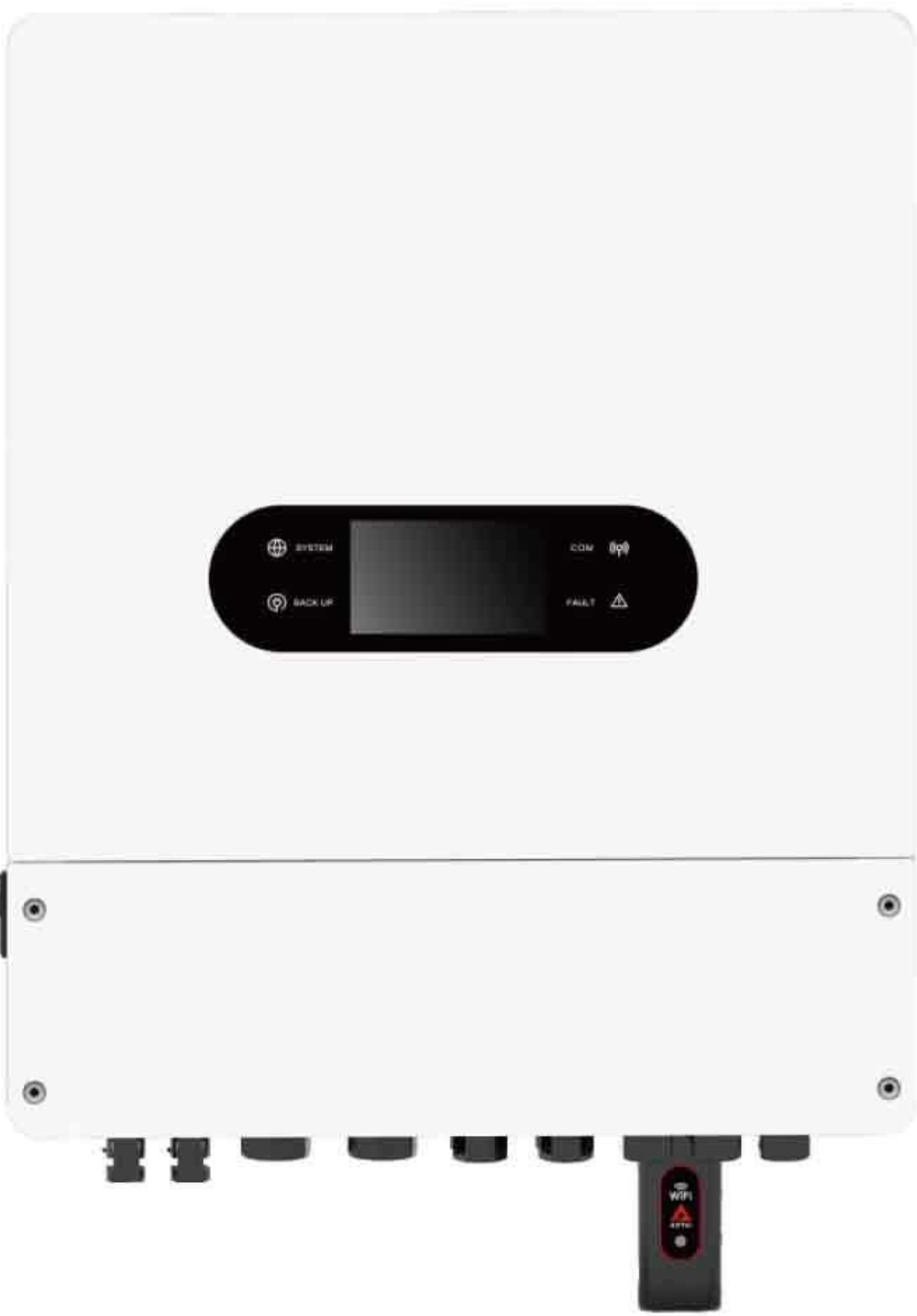
PV input reverse polarity protection	Yes		
PV insulation resistance detection	Yes		
Residual current detection	Yes		
Output over current protection	Yes		
Output short circuit protection	Yes		
Output over voltage protection	Yes		

Basic data

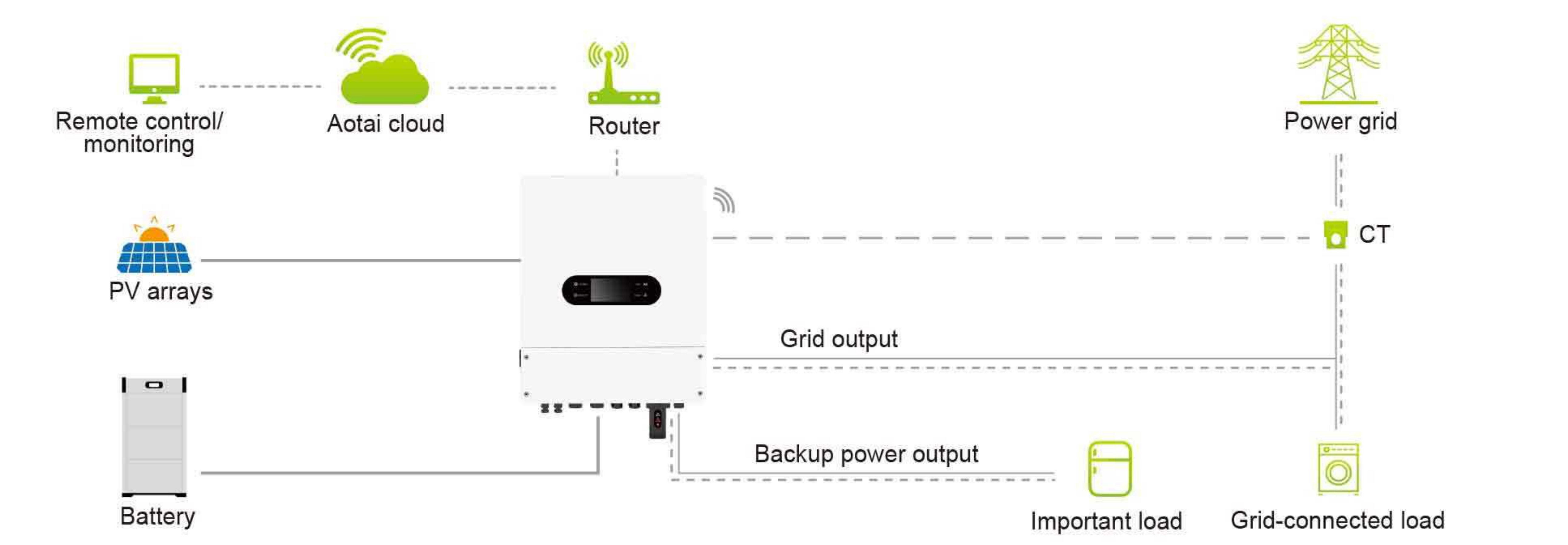
Operation temperature (°C)	-25~60		
Storage temperature (°C)	-30~65		
Relative humidity	0~95%		
Working altitude (m)	≤4000		
Cooling	Air cooling		
Noise (db)	<55		
Weight (Kg)	38		
Size (width x height x depth) (mm)	475X683X256		
Protection class	IP66		
Topology	HF isolation (Battery side)		

Hybrid Inverter

AEP-3KS/3K6S/4KS/4K6S/5KS/6KS48P



Smart Energy Solutions



TECHNICAL DATA

Modele	AEP-3KS48P	AEP-3K6S48P	AEP-4KS48P	AEP-4K6S48P	AEP-5KS48P	AEP-6KS48P
--------	------------	-------------	------------	-------------	------------	------------

Battery input data

Battery Type	Lithium or lead acid battery					
Rated battery voltage(V)	48					
Maximum charging voltage(V)	≤60 (Configurable)					
Maximum charge/discharge current(A)	75	90	100	110	120	120

PV input data

Maximum DC input power(kw)	3.9	4.7	5.2	6	6.5	7.5
Maximum DC input voltage(V)	500					
MPPT Operating voltage range(V)	150~450					
Starting voltage(V)	125					
Maximum input current(A)	18	18/18	18/18	18/18	18/18	18/18
MPPT number	1	2	2	2	2	2

AC output parameters (On-Grid)

Maximum output apparent power (KW)	3300	3960	4400	5000	5500	6000
Rated output voltage(V)	230					
Rated output frequency(Hz)	50/60HZ					
Max output current(A)	15	18	20	22	25	27
Output power factor	~1 (-0.8 leading~+0.8 lagging)					

AC output parameters(Off-Grid)

Rated output apparent power(VA)	3000	3600	4000	4600	5000	6000
Maximum output apparent power(VA)	6000,15sec	7200,15sec	8000,15sec	9200,15sec	10000,15sec	10000,15sec
Rated output voltage(V)	230(±2%)					
Rated output frequency(Hz)	50/60(±0.2%)					
Max output current(A)	14	16	18	21	23	27

Efficiency

Max efficiency(PV)	97.6%					
Max efficiency(cell)	94.5%					
Europe efficiency	97%					

Protection

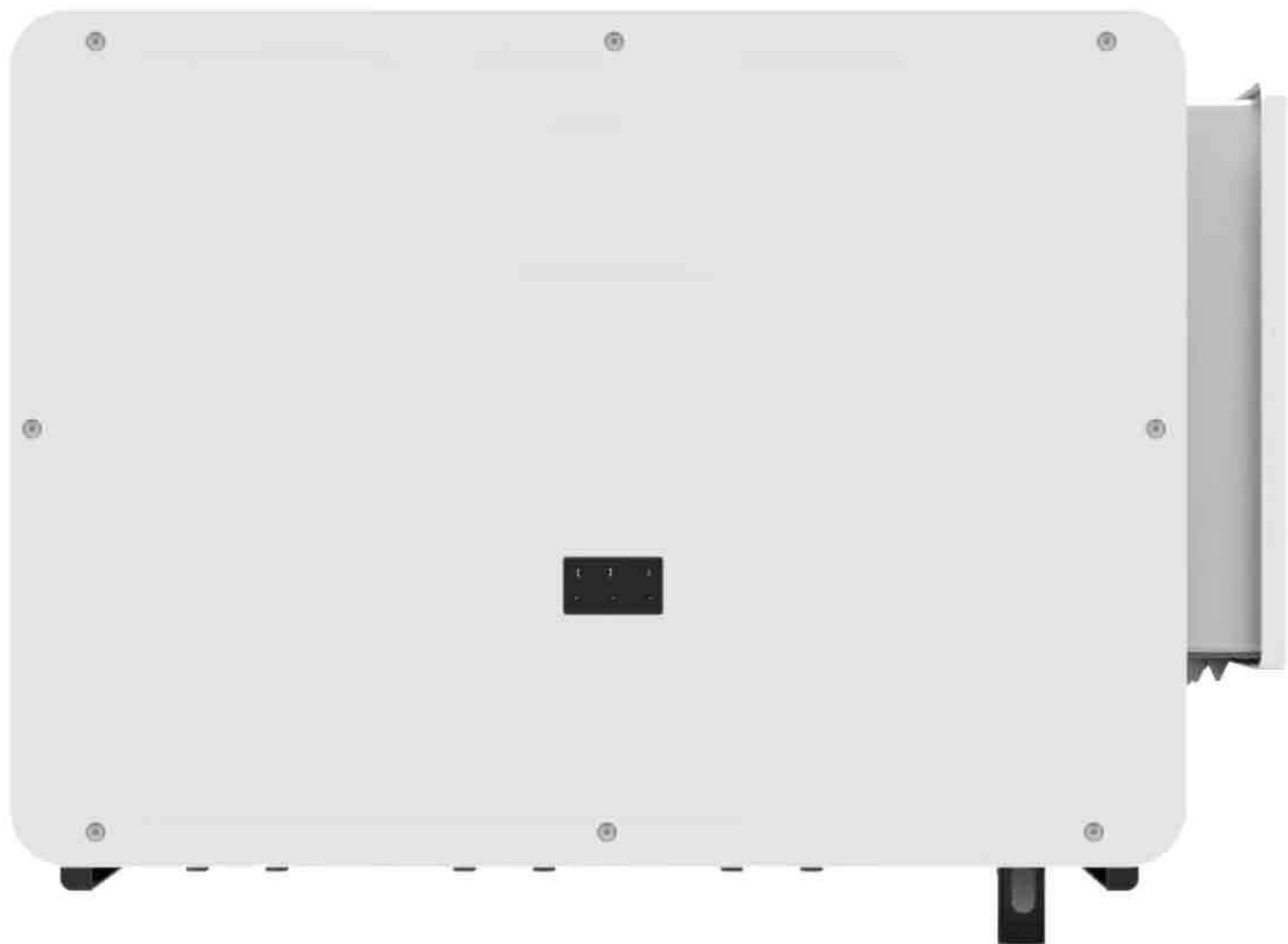
PV input reverse polarity protection	Yes					
PV insulation resistance detection	Yes					
Residual current detection	Yes					
Output over current protection	Yes					
Output short circuit protection	Yes					
Output over voltage protection	Yes					

Basic data

Operation temperature (°C)	-25~60					
Storage temperature (°C)	-30~65					
Relative humidity	0~95%					
Working altitude (m)	≤4000					
Cooling	Air cooling					
Noise (db)	<55					
Weight (Kg)	20					
Size (width x height x depth) (mm)	427*554*198					
Protection class	IP66					
Topology	HF isolation (Battery side)					

On-grid Inverter

ASP-196/225K-EHV



FEATURES



Flexible design

Multi-communication interface:
RS485, GPRS(optional), Wifi(optional)
DC breaker, easy to maintain and safe to use
Integrated functions of combiner box& DC lightning protection, reduce system cost for users



Efficient conversion

Transformerless,max. efficiency is up to 99.02%;
Euro. efficiency is up to 98.51%
Total current THD <3%
Three-level SVPWM control technology, increase DC voltage utilization



Grid friendly

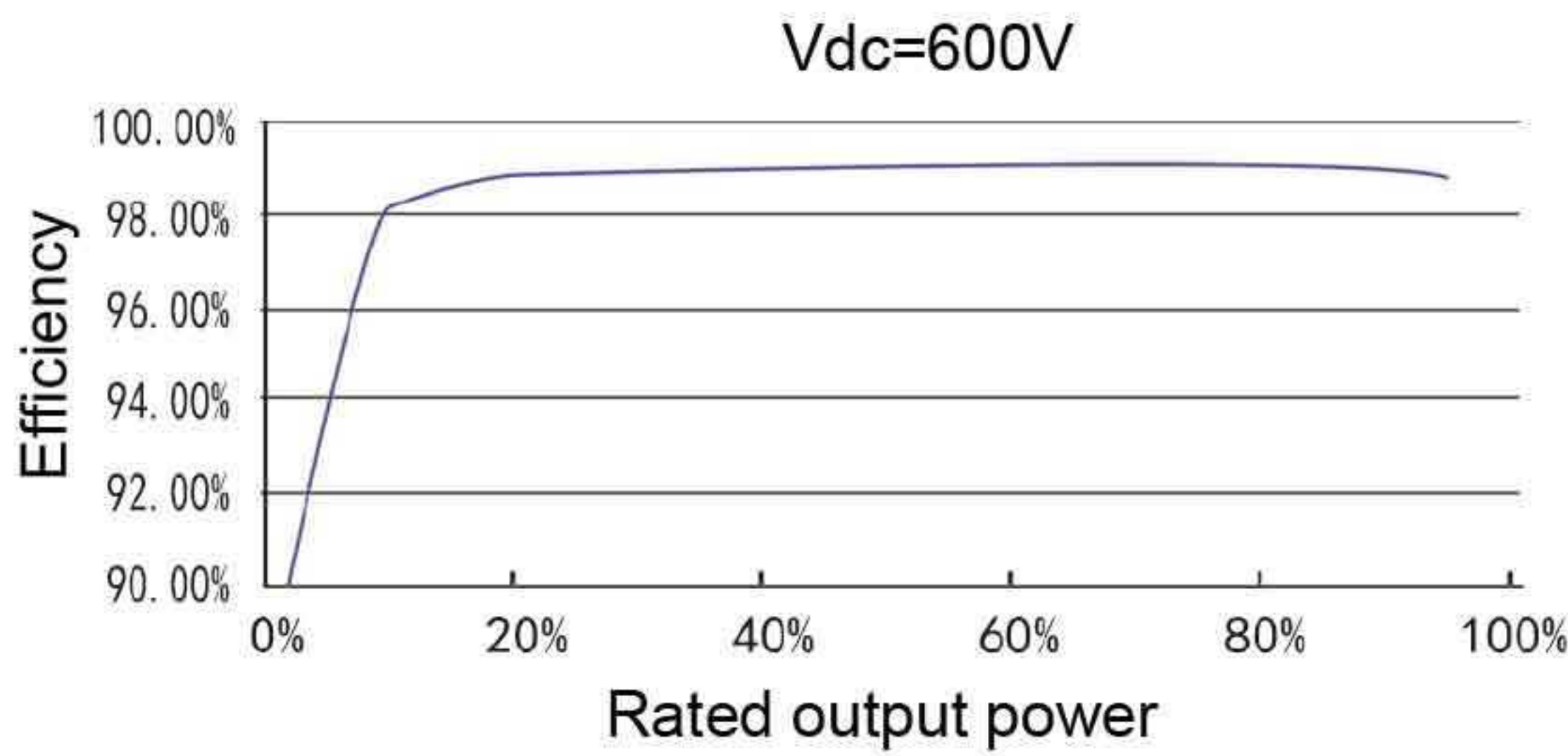
LVRT HVRT function
Adjustable reactive power, power factor from 0.8 leading to 0.8 lagging
Active and passive anti-islanding protection
Continuously adjustable active power (0-100%) function



Excellent qualities

CQC Gold Sun Certification, TUV Certification, SAA Certification, CE Certification

EFFICIENCY CURVE



TECHNICAL DATA

Model Name	196K-EHV	225K-EHV
Input		
Max. DC input power	294KW	337.5KW
Max. DC input voltage	1500V	
Max. DC input current	40A*8	40A*12
MPPT voltage range	500~1500V	
Recommended MPP operating voltage	1080V	
No. of MPPT	8	12
Max. no. of strings per MPPT	2	
Output		
Rated output power	196KW	225KW
Max. output power	216KVA	247.5KVA
Max. output current	155.9A	178.7A
Rated grid voltage	800V	
Grid voltage range	640~920Vac	
Rated grid frequency	50Hz/60Hz	
Grid frequency range	45~55Hz/55~65Hz	
THD	< 3% (Under the rated power)	
Power factor	>0.99(rated power) /0.8 leading ~ 0.8 lagging	
DC current injection	< 0.5% (Under the rated power)	
System data		
Max. efficiency	99.01%	99.02%
Euro. efficiency	98.50%	98.51%
Humidity range	0-100% non-condensing	
Cooling type	Intelligent forced air cooling	
Temperature range	-30~+60℃	
Power consumption at night	≤ 2W	
Max. working altitude	5000m (>4000 derating)	
Display	LED/LCD(optional)	
Communication interface	RS485/Wifi/GPRS(optional)	
Protection		
DC reverse-polarity protection	Yes	
Short circuit protection	Yes	
Output over current protection	Yes	
Output over voltage protection	Yes	
Insulation resistance monitoring	Yes	
Residual current detection	Yes	
Surge protection	Yes	
Grid monitoring	Yes	
Islanding protection	Yes	
Temperature protection	Yes	
Integrated DC switch	Yes	
Mechanical data		
Dimensions (WxHxD)	1008x700x351mm	
Weight	86Kg	96Kg
Protection class	IP66	
Standard		
Grid-connected standard	NB/T 32004-2018; IEC61727	
Safety standard	NB/T 32004-2018; IEC 62109-1/2	
Electromagnetic compatibility	IEC61000-6-2/4	

On-grid Inverter

ASP-3/4/5/6/8/10KTLD



FEATURES



Flexible design

Small size, light weight, support manual installation, reduce user installation and maintenance cost
Multi-communication interface: RS485, GPRS(optional), Wifi (optional)
DC breaker, easy to maintain and safe to use
Convection without fan
Digital DSP control technology



Efficient conversion

Transformerless,max. efficiency is up to 98.1%;
Euro. efficiency is up to 97.6%
Total current THD <2%



Grid friendly

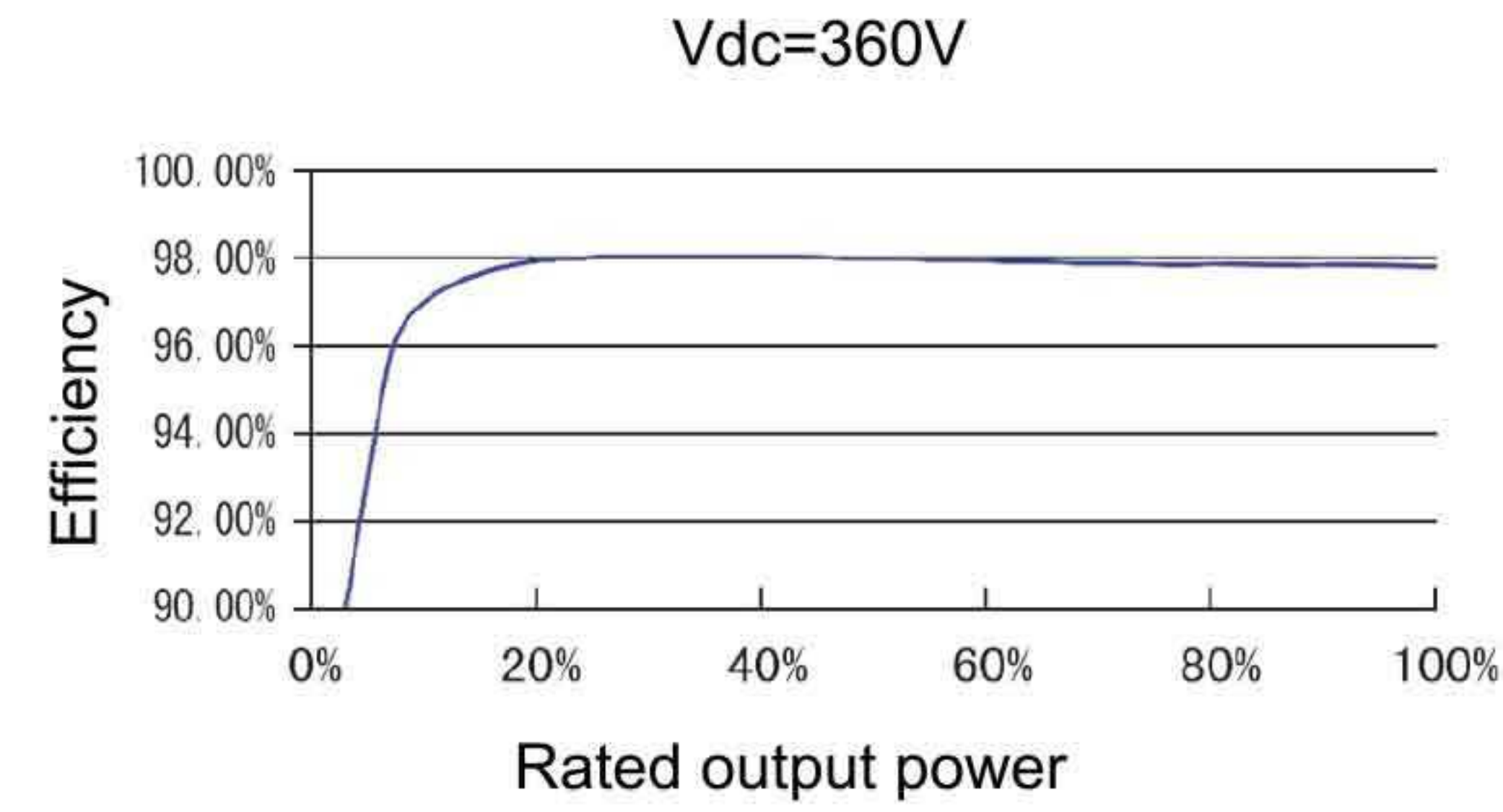
Active and passive anti-islanding protection
Continuously adjustable active power (0-100%) function



Excellent qualities

CQC Gold Sun Certification, TUV Certification, SAA Certification, CE Certification

EFFICIENCY CURVE



TECHNICAL DATA

Model Name	3KTLD	4KTLD	5KTLD	6KTLD	8KTLD	10KTLD
Input						
Max. DC input power	3900W	5200W	6500W	7200W	9200W	11500W
Max. DC input voltage	550V					
Max. DC input current	18A	18/18A	18/18A	18/18A	20/26A	20/30A
MPPT voltage range	80-550V					
Recommended MPP operating voltage	360V					
No.of MPPT	1	2				
Max. no. of strings per MPPT	1				1/2	
Output						
Rated output power	3000W	4000W	5000W	6000W	8000W	10000W
Max. output power	3.3KVA	4.4KVA	5.5KVA	6.6 KVA	8.8 KVA	11KVA
Max. output current	15A	20A	25A	27.3A	36.4A	45.5A
Rated grid voltage	230V					
Grid voltage range	160~270Vac (adjustable)					
Rated grid frequency	50Hz/60Hz					
Grid frequency range	45~55Hz/55~65Hz					
THD	<2% (Under the rated power)					
Power factor	>0.99 (Under the rated power) /Adjustable range: 0.8 leading~0.8 lagging					
DC current injection	<0.5% (Under the rated power)					
System data						
Max. efficiency	98%	98.1%	98.1%	98.1%	98.1%	98.1%
Euro. efficiency	97.5%	97.5%	97.5%	97.5%	97.5%	97.6%
Humidity range	0-100% non-condensing					
Cooling type	Air cooling				Intelligent forced air cooling	
Temperature range	-25~+60 ℃					
Power consumption at night	< 1W					
Max. working altitude	4000m					
Display	LED/LCD/(optional)					
Communication interface	Wifi/RS485/GPRS(optional)					
Protection						
DC reverse-polarity protection	Yes					
Short circuit protection	Yes					
Output over current protection	Yes					
Output over voltage protection	Yes					
Insulation resistance monitoring	Yes					
Residual current detection	Yes					
Surge protection	Yes					
Grid monitoring	Yes					
Islanding protection	Yes					
Temperature protection	Yes					
Integrated DC switch	Optional					
Mechanical data						
Dimensions (WxHxD)	347x368x167mm				347x368x190mm	
Weight	10Kg				11Kg	
Protection class	IP66					
Standard						
Grid-connected standard	NB/T 32004-2018; IEC61727					
Safety standard	NB/T 32004-2018; IEC 62109-1/2					
Electromagnetic compatibility	IEC61000-6-2/4					