

YelonESS

Jiangsu Daybright Intelligent Energy Co., Ltd.

Professional Energy Solution Provider

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V4.2.3

Jiangsu Daybright Intelligent Energy Co., Ltd., a subsidiary company of the public listed company Jiangsu Daybright Intelligent Electric Co., Ltd.(SZ300670), has launched the brand YelonESS for providing energy storage system, including residential/industrial/commercial energy storage batteries, inverters, all-in-one storage system and related software, management system and APP.

YelonESS has obtained safety, quality and transportation certifications to ensure the products meet the requirement of various countries.

With global distribution channels, YelonESS is serving domestic clients as well as clients in Europe, South America, Africa and Oceania. In addition to products, YelonESS features timely pre-sales and after-sales service so that every client can enjoy the free and clean renewable energy in an easy and cost-effective way.



Meet
YelonESS

40%

R&D staff

Fast Delivery

Overseas Warehouses

10 year+

Energy industry
experience

Automatic

Production lines



PV System on the Roof of the Company



Brand & Product Showroom

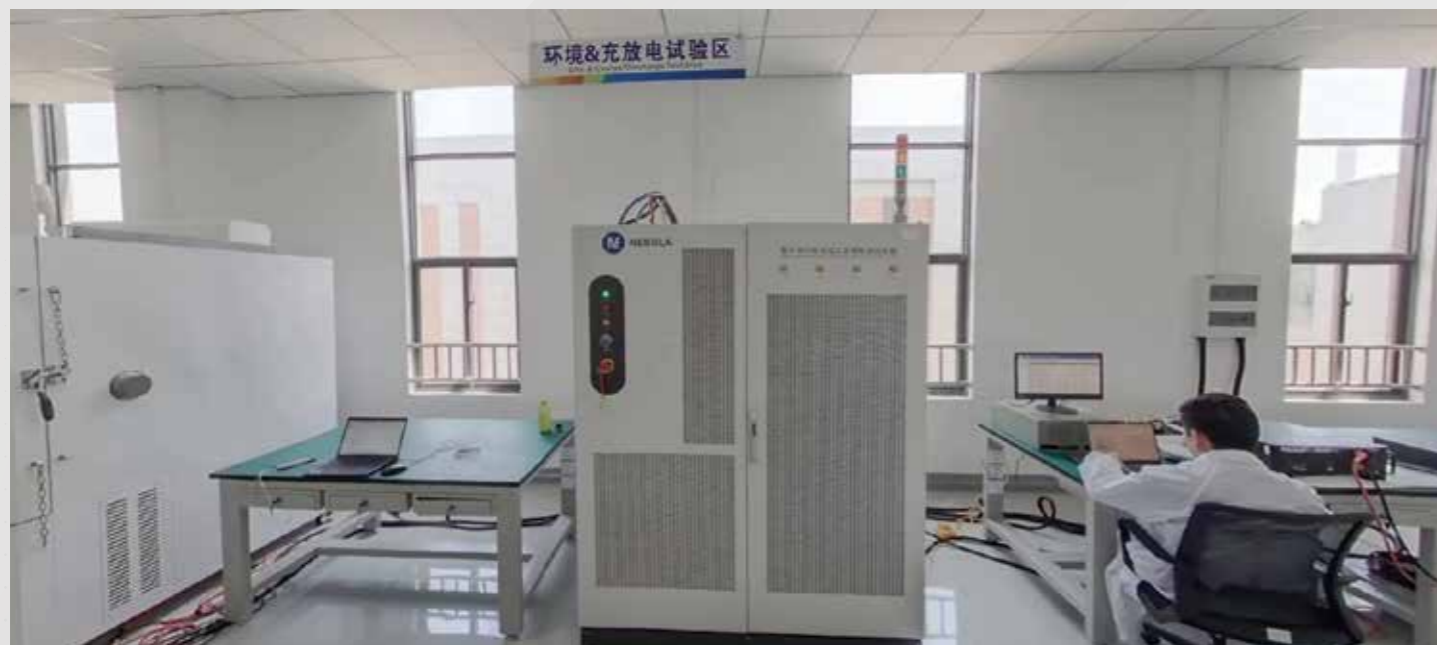


R&D Team



International New Energy Shows

Factory Inspection Tour



Charge and Discharge Testing



Professional Testing Equipment



Battery & Inverter Testing



Battery Cell Production



SMT Workshop



Battery Cell Production



Battery Pack Production Line

Company Qualification



Product Certificates

YelonESS batteries have been granted IEC62619,MSDS, CE, UN38.3. Inverters have obtained on-grid certificate for many countries.



Low voltage battery

LR5000



Best Components

A-grade LFP cell from first-class supplier
BMS specially developed by Yelon



Stackable

5.12-40.96kWh (8 modules)



Safe and Reliable

10-year warranty; 6000 cycles
Fool-proof design and protection functions



Easy to Install and Use

Plug and play connection
Minimum operation needed after first configuration



Compatible

Work with most of the popular inverters



Remote Control and Monitor

Check real-time status on APP
Alert pops up if any problem occurs

PERFORMANCE

Battery Type	LiFePO ₄
Battery Capacity [Ah]	100
Nominal Voltage [V]	51.2
Charging Cut-off Voltage [V]	57.6
Discharging End-of Voltage [V]	46
Recommended C Rate	0.5C
Recommended Charge/Discharge Current [A]	50
Max Charge/Discharge Current [A]	100
Peak Power Charge/Discharge Current [A]	120(15s)

GENERAL INFO

Net Weight [kg]	41
Dimension[W*D*H] [mm]	442×500×133
Charging Temp. Range [°C]	0~50
Discharging Temp. Range [°C]	-15~50
Communication	CAN/RS485
Cycle Life	> 6000 ^[1]
Protection Level	IP21
Cooling Method	Natural
Altitude [m]	≤4000
Scalability	Up to 8 units in parallel
Compatible Inverters	YELON, GOODWE, GROWATT, DEYE, SMA, VICTRON...
Certification & Safety Standard	CE/UN38.3/IEC62619

^[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

^[2] Outer casing color of battery can be customized



Low voltage battery

LW5000



Best Components

A-grade LFP cell from first-class supplier
 Optional: BYD cells or EVE cells
 BMS specially developed by Yelon



Expandable

5.12-81.92kWh (16 modules)



Safe and Reliable

10-year warranty; 6000 cycles
 Fool-proof design and protection functions



Easy to Install and Use

Plug-in connection
 Minimum operation needed after first configuration



Compatible

Work with most of the popular inverters



Remote Control and Monitor

Check real-time status on APP
 Alert pops up if any problem occurs

PERFORMANCE

Battery Type	LiFePO ₄
Battery Capacity [Ah]	100
Nominal Voltage [V]	51.2
Charging Cut-off Voltage [V]	57.6
Discharging End-of Voltage [V]	46
Recommended C Rate	0.5C
Recommended Charge/Discharge Current [A]	50
Max Charge/Discharge Current [A]	100
Peak Power Charge/Discharge Current [A]	120(15s)

GENERAL INFO

Net Weight [kg]	45±1
Dimension[W*D*H] [mm]	600x142x430
Charging Temp. Range [°C]	0~50
Discharging Temp. Range [°C]	-15~50
Communication	CAN/RS485
Cycle Life	> 6000 ^[1]
Protection Level	IP65
Cooling Method	Natural
Altitude [m]	≤4000
Scalability	Up to 16 units in parallel
Compatible Inverters	YELON, GOODWE, GROWATT, DEYE, SMA, VICTRON...
Certification & Safety Standard	CE/UN38.3/IEC62619

^[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

^[2] Outer casing color of battery can be customized



High voltage battery HT5000



Best Components

A-grade LFP cell from first-class supplier
BMS specially developed by Yelon



Stackable

4.8~14.4kWh (3 modules)



Safe and Reliable

10-year warranty; 6000 cycles
Fool-proof design and protection functions



Easy to Install and Use

Plug and play connection
Minimum operation needed after first configuration



Compatible

Work with most of the popular inverters



Remote Control and Monitor

Check real-time status on APP
Alert pops up if any problem occurs

PERFORMANCE

Battery Type	LiFePO ₄		
Number Of Batteries In Series	HT5000-1	HT5000-2	HT5000-3
Nominal Battery Energy [kWh]	4.8	9.6	14.4
Single Battery Capacity [Ah]	50Ah		
Nominal Voltage [V]	96	192	288
Charging Cut-off Voltage [V]	108	216	324
Discharging End-of Voltage [V]	84	168	252
Recommended Charge/Discharge Current [A]	25		
Max Charge/Discharge Current [A]	Charge: 45A; Discharge: 50A		

GENERAL INFO

Net Weight [kg]	60(unit)
Dimension [W*D*H] [mm]	600X250X430(unit)
CT0500 Net Weight [kg]	15.2
CT0500 Dimension[W*D*H] [mm]	600X250X282
Charging Temp. Range [°C]	0~50
Discharging Temp. Range [°C]	-15~50
Communication	CAN/RS485
Cycle Life	> 6000 ^[1]
Protection Level	IP65
Cooling Method	Natural
Altitude [m]	≤2000
Scalability	Up to 3 units in series
Compatible Inverters	YELON, GOODWE, GROWATT, DEYE, SMA, VICTRON...
Certification & Safety Standard	CE/UN38.3/IEC62619

^[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

^[2] Outer casing color of battery can be customized



High voltage battery

HS5000



Best Components

A-grade LFP cell from first-class supplier
BMS specially developed by Yelon



Stackable

4.8~28.8kWh (6 modules)



Safe and Reliable

10-year warranty; 6000 cycles
Fool-proof design and protection functions



Easy to Install and Use

Plug and play connection
Minimum operation needed after first configuration



Compatible

Work with most of the popular inverters



Remote Control and Monitor

Check real-time status on APP
Alert pops up if any problem occurs

PERFORMANCE

Battery Type	LiFePO ₄					
Number Of Batteries In Series	HS5000-1	HS5000-2	HS5000-3	HS5000-4	HS5000-5	HS5000-6
Nominal Battery Energy [kWh]	4.8	9.6	14.4	19.2	24	28.8
Single Battery Capacity [Ah]	50Ah					
Nominal Voltage [V]	96	192	288	384	480	576
Charging Cut-off Voltage [V]	108	216	324	432	540	648
Discharging End-of Voltage [V]	84	168	252	336	420	504
Recommended Charge/Discharge Current [A]	25					
Max Charge/Discharge Current [A]	Charge: 45A; Discharge: 50A					

GENERAL INFO

Net Weight [kg]	56(unit)
Dimension[W*D*H] [mm]	620X400X210(unit)
CS0500 Net Weight [kg]	17.6
CS0500 Dimension[W*D*H] [mm]	620X400X275
Charging Temp. Range [°C]	0~50
Discharging Temp. Range [°C]	-15~50
Communication	CAN/RS485
Cycle Life	> 6000 ^[1]
Protection Level	IP65
Cooling Method	Natural
Altitude [m]	≤2000
Scalability	Up to 6 units in series
Compatible Inverters	YELON, GOODWE, GROWATT, DEYE, SMA, VICTRON...
Certification & Safety Standard	CE/UN38.3/IEC62619/VDE-AR-E 2510-50

^[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

^[2] Outer casing color of battery can be customized



Single Phase Hybrid Inverter



SAFE & RELIABLE

- Passed IEC/EN 62109-1/-2, IEC/EN 62477-1, IEC/EN 61000-6-1/-6-3 test certification
- Passed South Africa: NRS097-2-1:2017 test certification

FRIENDLY & FLEXIBLE

- Support multi-parallel connection
- Compatible with lead-acid and lithium-ion battery

ECONOMICAL & SMART

- Support intelligent EMS management function
- Support on/off-grid automatic switching function to ensure uninterrupted power when important loads are off-grid

TECH SPECS	HV3K-1L-A	HV3K6-1L-A	HV4K-1L-A	HV4K6-1L-A	HV5K-1L-A	HV6K-1L-A
PV Input						
Max power	4.6kW	4.6kW	6kW	6kW	7kW	7kW
Max DC Voltage	550V					
MPPT Voltage Range	125-500 V					
Max Input Current Of Single MPPT(A)	14A					
MPPT Tracker/Strings	2/1					
AC Output						
Rated Output Power	3 kVA	3.68 kVA	4 kVA	4.6 kVA	5 kVA	6 kVA
Max Output Current	13A	16A	17.4A	20A	21.7A	26A
Grid Voltage/Range	230V/176-270 V					
Frequency	50/60 Hz					
Power Factor	0.99lagging-0.99leading					
THDi	<3%					
AC Output Topology	L+N+PE					
Battery						
Battery Voltage Range	40 ~ 58 V					
Max Charge/Discharge Current	95/62.2 A	95/75 A	95/83.3 A	95/95.8 A	95/104.2 A	95/110 A
Battery Type	Lithium/Lead-acid					
Communication Interface	CAN/RS485					
EPS Output						
Rated Power	3 kVA	3.68 kVA	4 kVA	4.6 kVA	5 kVA	6 kVA
Rated Output Voltage	230 V					
Rated Output Current	13A	16A	17.4A	20A	21.7A	26A
Rated Frequency	50 /60 Hz					
Automatic Switching Time	<20ms					
THDu	<2%					
Overload Capacity	110%, 30S/120%, 10S/150%, 0.02S					
General Data						
Battery Charge /Discharge Efficiency	95%					
DC Max Efficiency	97.6%					
European Efficiency	97.0%					
MPPT Efficiency	99.9%					
Ingress Protection	IP65					
Noise Emission	<35 dB					
Operation Temperature	-25°C ~ 60°C					
Cooling Method	Natural					
Relative Humidity	0 ~95% (non-condensing)					
Altitude [m]	≤2000					
Isolation Transformer	No					
Self-consumption	< 3W					
Installation	Wall-Mounted					
Display And Communication						
Display	LCD					
Interface	RS485/ CAN/DRM/ Wi-fi (opt.)/ 4G(opt.)					
Safety standard	IEC/EN62109-1/-2, IEC/EN62477-1					
EMC	IEC/EN 61000-6-1, IEC/EN 61000-6-3					
On-grid	South Africa: NRS097-2-1:2017 UK: G98,G99					








Three Phase Hybrid Inverter



- 2 MPP trackers; efficiency 97.6%
 - Pure sine wave output; low THD
 - 100% Unbalanced three-phase output
 - Adjustable power factor
-
- IP65 rated; outdoor installation possible
 - Fool-proof design; anti-reversed connection
 - Anti short circuit; anti-Islanding
 - Only 20ms-lag switch between on and off grid mode
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- Smart and auto switch of working mode
 - APP monitor the whole ESS in real-time
 - Auto cut off when problems occur

 **High performance ensured by Technology**

 **Reliable and durable**

 **User-friendly; suitable for home use**

TECH SPECS	HV6K-3H	HV8K-3H	HV10K-3H	HV12K-3H
PV Input				
Max.PV input power	9000W	12000W	15000W	15000W
Max. input voltage	1000Vd.c			
MPPT voltage range	200~950Vd.c.			
Start up voltage	250Vd.c			
Max. input current	14/14Ad.c.	14/14Ad.c.	14/28Ad.c.	14/28Ad.c.
Max.short circuit PV	17/17Ad.c.	17/17Ad.c.	17/34Ad.c.	17/34Ad.c.
MPPT number	2			
No. of PV strings MPPT A/MPPT B	1/1	1/1	1/2	1/2
Battery				
Battery type	Lithium-ion			
Rated voltage	500Vd.c.			
Battery voltage range	160~600Vd.c.			
Max. charge/discharge current	50/50Ad.c.			
Max. charge/discharge power	6000W	8000W	10000W	12000W
Grid output / input				
Rated output power	6000W	8000W	10000W	12000W
Max continuous output apparent power	6600VA	8800VA	11000VA	12000VA
Max. AC output current	9.5Aa.c.	12.7Aa.c.	15.9Aa.c.	17.3Aa.c.
Max. continuous input apparent power	12000VA	16000VA	16000VA	16000VA
Max. AC input current	17.3Aa.c	23.1Aa.c	23.1Aa.c	23.1Aa.c
Rated AC voltage	230V/400Va.c.,3L+N+PE			
Rated grid frequency	50/60Hz			
Power factor at rated power/Adjustable power factor	>0.99(0.8 leading-0.8 lagging)			
THDi@rated power	<3%			
Backup output				
Rated output power	6000W	8000W	10000W	12000W
Max. output apparent power	6600VA	8800VA	11000VA	12000VA
Max. AC output current	9.5Aa.c.	12.7Aa.c.	15.9Aa.c	17.3Aa.c.
Rated voltage	230/400Va.c.,3L/N/PE			
Rated frequency	50/60Hz			
Switch time	<20ms			
Output THDv@Linear Load	<3%			
Efficiency				
Max. efficiency	97.8%	97.8%	98.0%	98.0%
EU efficiency	97.5%	97.5%	97.6%	97.6%
BAT charged Max. efficiency	98.0%	98.0%	98.0%	98.0%
BAT discharged Max. efficiency	97.5%	97.5%	97.6%	97.6%
MPPT efficiency	99.9%			
Protection				
Grid monitoring	Yes			
PV insulation resistance detection	Yes			
DC reverse polarity protection	Yes			
AC short-circuit protection	Yes			
AC over-current protection	Yes			
AC over-voltage protection	Yes			
Leakage current monitoring	Yes			
DC switch(solar)	Yes			
DC over current protection(Battery)	Yes			
Surge protection	DC Type II/AC Type III			
Anti-islanding protection	Yes			
General information				
Dimensions(W*H*D)	504*514*199mm			
Weight	33.0kg			
Topology	Transformerless			
Operating temperature range	-25~60°C			
Ingress protection	IP65			
Cooling method	Natural Convection			
Max.operating altitude	2000m			
Acoustic Noise	<40dB			
Display	LCD, APP			
Communication (BMS/Meter/Portal)	CAN/RS485/WiFi			
Safety/EMC standard	CE, IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-3			
On-grid standard	VDE-AR-N 4105, VDE 0124-100, EN 50549-1, EN 50549-10			



ALL-IN-ONE ESS

ComboX-3HT



IP65 Rated

Designed for both indoor and outdoor application



Integrated Design

Battery and inverter are pre-configured for best compatibility



Safe and Reliable

Brand new A-Grade LFP cell
Various automatic protection functions



Easy to Install

Plug-and-Play
save onsite installation time



Remote Control

Remote monitor of operation status
Alert pops up on APP if any problem occurs

TECH SPECS	ComboX-3HT-6kW	ComboX-3HT-8kW	ComboX-3HT-10kW	ComboX-3HT-12kW
PV Input				
Max.PV input power	9000W	12000W	15000W	15000W
Max. input voltage	1000Vd.c			
Rated input voltage	720Vd.c			
MPPT voltage range	200~950Vd.c.			
Max. input current	14/14Ad.c.	14/14Ad.c.	14/28Ad.c.	14/28Ad.c.
MPPT number	2			
No. of PV strings MPPT A/MPPT B	1/1	1/1	1/2	1/2
AC Output				
Rated Output Power	6000W	8000W	10000W	12000W
Max continuous output apparent power	6600VA	8800VA	11000VA	12000VA
Max. AC output current	9.5Aa.c.	12.7Aa.c.	15.9Aa.c	17.3Aa.c.
Rated AC voltage	230V/400Va.c.,3L+N+PE			
Rated grid frequency	50/60Hz			
Power factor	>0.99(0.8 leading-0.8 lagging)			
THDi@rated power	<3%			
EPS output				
Rated output power	6000W	8000W	10000W	12000W
Max. output apparent power	6600VA	8800VA	11000VA	12000VA
Max. AC output current	9.5Aa.c.	12.7Aa.c.	15.9Aa.c	17.3Aa.c.
Rated voltage	230/400Va.c.,3L/N/PE			
Rated frequency	50/60Hz			
Output THDv@Linear Load	<3%			
Battery				
Battery type	Lithium-ion			
Scalability	2~3 pcs in series			
Nominal Voltage	96Vd.c.			
Nominal Capacity	4800Wh			
Charging Temp. Range	0°C~50°C			
Discharging Temp. Range	-15°C~50°C			
Recommended charge/discharge current	25Ad.c.			
Max. charge/discharge current	40/40Ad.c.			
Cycle Life	>6,000 ^[1]			
Protection				
Grid monitoring	Yes			
PV insulation resistance detection	Yes			
DC reverse polarity protection	Yes			
AC short-circuit protection	Yes			
AC over-current protection	Yes			
AC over-voltage protection	Yes			
Leakage current monitoring	Yes			
DC switch(solar)	Yes			
DC over voltage protection(Battery)	Yes			
Surge protection	DC Type II/AC Type III			
Anti-islanding protection	Yes			
General information				
Dimensions(W*H*D)	600*(954+N ^[2] *430)*250 mm			
Weight	60.2+N*60 kg			
Topology	Transformerless			
Ingress protection	IP65			
Cooling Method	Natural Convection			
Max.operating altitude	2000m			
Acoustic Noise	<40dB			
Display	LCD, APP			
Communication	CAN/WiFi			
Safety/EMC standard	IEC/EN 62109-1/-2, VDE 2510-50, VDE 2510-2, IEC/EN 61000-6-1/-3, CE/UN38.3/IEC62619			
On-grid standard	VDE-AR-N 4105, VDE 0124-100, EN 50549-1, EN 50549-10			

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

[2] Number of battery/batteries



ALL-IN-ONE ESS

ComboX-3HS



IP65 Rated

Designed for both indoor and outdoor application



Integrated Design

Battery and inverter are pre-configured for best compatibility



Safe and Reliable

Brand new A-Grade LFP cell
Various automatic protection functions



Easy to Install

Plug-and-Play
save onsite installation time



Remote Control

Remote monitor of operation status
Alert pops up on APP if any problem occurs

TECH SPECS	ComboX-3HS-6kW	ComboX-3HS-8kW	ComboX-3HS-10kW	ComboX-3HS-12kW
PV Input				
Max.PV input power	9000W	12000W	15000W	15000W
Max. input voltage	1000Vd.c			
Rated input voltage	720Vd.c			
MPPT voltage range	200~950Vd.c.			
Max. input current	14/14Ad.c.	14/14Ad.c.	14/28Ad.c.	14/28Ad.c.
MPPT number	2			
No. of PV strings MPPT A/MPPT B	1/1	1/1	1/2	1/2
AC Output				
Rated Output Power	6000W	8000W	10000W	12000W
Max continuous output apparent power	6600VA	8800VA	11000VA	12000VA
Max. AC output current	9.5Aa.c.	12.7Aa.c.	15.9Aa.c	17.3Aa.c.
Rated AC voltage	230V/400Va.c.,3L+N+PE			
Rated grid frequency	50/60Hz			
Power factor	>0.99(0.8 leading-0.8 lagging)			
THDi@rated power	<3%			
EPS output				
Rated output power	6000W	8000W	10000W	12000W
Max. output apparent power	6600VA	8800VA	11000VA	12000VA
Max. AC output current	9.5Aa.c.	12.7Aa.c.	15.9Aa.c	17.3Aa.c.
Rated voltage	230/400Va.c.,3L/N/PE			
Rated frequency	50/60Hz			
Output THDu@Linear Load	<3%			
Battery				
Battery type	Lithium-ion			
Scalability	2~5 pcs in series			
Nominal Voltage	96Vd.c.			
Nominal Capacity	4800Wh			
Charging Temp. Range	0°C~50°C			
Discharging Temp. Range	-15°C~50°C			
Recommended charge/discharge current	25Ad.c.			
Max. charge/discharge current	40/40Ad.c.			
Cycle Life	>6,000 ^[1]			
Protection				
Grid monitoring	Yes			
PV insulation resistance detection	Yes			
DC reverse polarity protection	Yes			
AC short-circuit protection	Yes			
AC over-current protection	Yes			
AC over-voltage protection	Yes			
Leakage current monitoring	Yes			
DC switch(solar)	Yes			
DC over voltage protection(Battery)	Yes			
Surge protection	DC Type II/AC Type III			
Anti-islanding protection	Yes			
General information				
Dimensions(W*H*D)	620*(979+N ^[2] *210)*400 mm			
Weight	77.6+N*56 kg			
Topology	Transformerless			
Ingress protection	IP65			
Cooling Method	Natural Convection			
Max.operating altitude	2000m			
Acoustic Noise	<40dB			
Display	LCD, APP			
Communication	CAN/WiFi			
Safety/EMC standard	IEC/EN 62109-1/-2, VDE 2510-50, VDE 2510-2, IEC/EN 61000-6-1/-3, CE/UN38.3/IEC62619			
On-grid standard	VDE-AR-N 4105, VDE 0124-100, EN 50549-1, EN 50549-10			

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

[2] Number of battery/batteries



YelonESS Micro inverter

Tech Specs



TECH SPECS	A	B	C
INPUT DATA(DC)			
Recommended PV Module Power (STC) Range	240~410Wp	330~550Wp	390~680Wp
Max. input voltage	65V		
MPPT Voltage Range	16~60V		
Start-up Voltage	22V		
Max. input current	13A×2	15A×2	17A×2
Max.short circuit PV	25A×2	25A×2	25A×2
Number of MPPTs	2		
Number of inputs per MPPT	1		
OUTPUT DATA (AC)			
Rated output power	600VA	800VA	1000VA
Rated output current	2.6A	3.5A	4.5A
Nominal output voltage/range	230/180-275V		
Nominal frequency voltage/range	50/45-55Hz		
Power Factor at Rated power/Adjustable power factor	>0.99(0.8 leading-0.8 lagging)		
THDi	<3%		
EFFICIENCY			
CEC peak efficiency	96.8%	96.8%	96.6%
Nominal MPPT efficiency	99.8%	99.8%	99.8%
GENERAL DATA			
Dimensions(W*H*D)	283*222*31mm		
Weight	3.1kg		
Topology	Transformerless		
Self consumption(night)	<50mW		
Operating temperature range	-40~65°C		
Enclosure rating	Outdoor-IP67 (NEMA 6)		
Cooling Method	Natural Convection		
Communication	WiFi/Zigbee		
Monitoring	YelonESS Cloud		

YelonESS Micro inverter

Tech Specs



TECH SPECS	A	B	C
INPUT DATA(DC)			
Recommended PV Module Power (STC) Range	240~460Wp	330~550Wp	390~680Wp
Max. input voltage	65V		
MPPT Voltage Range	16~60V		
Start-up Voltage	22V		
Max. input current	13A×4	15A×4	17A×4
Max.short circuit PV	25A×4	25A×4	25A×4
Number of MPPTs	4		
Number of inputs per MPPT	1		
OUTPUT DATA (AC)			
Rated output power	1300VA	1600VA	2000VA
Rated output current	5.7A	7.0A	8.7A
Nominal output voltage/range	230/180-275V		
Nominal frequency voltage/range	50/45-55Hz		
Power Factor at Rated power/Adjustable power factor	>0.99(0.8 leading-0.8 lagging)		
THDi	<3%		
EFFICIENCY			
CEC peak efficiency	96.8%	96.5%	96.5%
Nominal MPPT efficiency	99.8%	99.8%	99.8%
GENERAL DATA			
Dimensions(W*H*D)	296*238*36mm		
Weight	4.2kg		
Topology	Transformerless		
Self consumption(night)	<50mW		
Operating temperature range	-40~65°C		
Enclosure rating	Outdoor-IP67 (NEMA 6)		
Cooling Method	Natural Convection		
Communication	WiFi/Zigbee		
Monitoring	YelonESS Cloud		