Empower drivers to charge safely and efficiently by providing clean, profitable charging solutions for businesses, accelerating the world's transition to sustainable energy.

EV Charging Clean Energy Technology Co., Ltd.

A subsidiary of East Group

Find out more at

Contact us at

www.evchargingplus.com

in EV Charging Clean Energy

**&** +86-0755-89959536

**▶** EV Charging EVCCE

# EVchargin 50

A leading provider of EV charging solution



# **Empowering Green Mobility**

EV Charging Clean Energy Technology Co., Ltd.



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#### **About Us**

EV Charging Clean Energy Technology Co., Ltd. (EVCCE) founded in 2014, headquartered in Shenzhen, a subsidiary of East Group (listed on Shenzhen Stock Market with code: 300376) which has business operations via over 260 customer service centers in over 100 countries and regions including China, Europe, the United States, Africa, and Asia.

EVCCE is a high-tech enterprise integrating designs, develops, manufactures, and sells EV charging infrastructure and provides charging solutions with high-value quality for private homes, apartments, workplaces, utilities, charging networks, fleets, car dealerships, etc.

We combine breakthrough technology, and strong R&D with the world-class in-house manufacturing facilities, global delivery, service and quality control capabilities (ISO 9001, ISO 14001, ISO 45001, IECQ) to offer products and solutions that minimize impact on the environment and help customers meet their clean energy goals. We are capable of providing end-to-end solutions for all segments of the charging ecosystem: hardware, software and services.



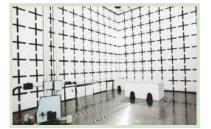








## **CNAS Laboratory**



**Radiated Immunity Laboratory** 



Temperature and Humidity Chamber



Salt Spray Test Chamber



**Dustproof Laboratory** 



**Lightning Surge Generator** 



Water Spray Laboratory

## **R&D Ability**

Outstanding R&D capability always be major competitive of EVCCE. Since the establishment in 1989, company has independently developed the core technologies of power conversion and kept deepening the application of technologies.

Every year EVCCE reinvests 10% of the revenue into R&D activities. Product development strictly follows IPD process to keep cut-edge technology outgoing in market.

CNAS-level test lab to facilitate the delivery of high standard & innovation products in projects. Each product is requested to go through a series of rigorous tests before delivered to customers.

As a result, EVCCE products not only match the certificates of CE, TÚv, UL and other Regional certificates, but also cherished by customers around the world.

5 R&D Centers
R&D Investment of Total Annual 10%

15 Doctor State Council Experts 600+ Engineers

30+ National Industrial Honor 900+
Patents & Copyrights

# **Quality Manufacturing**



**SMT Production Line** 



**Assembly Production Line** 



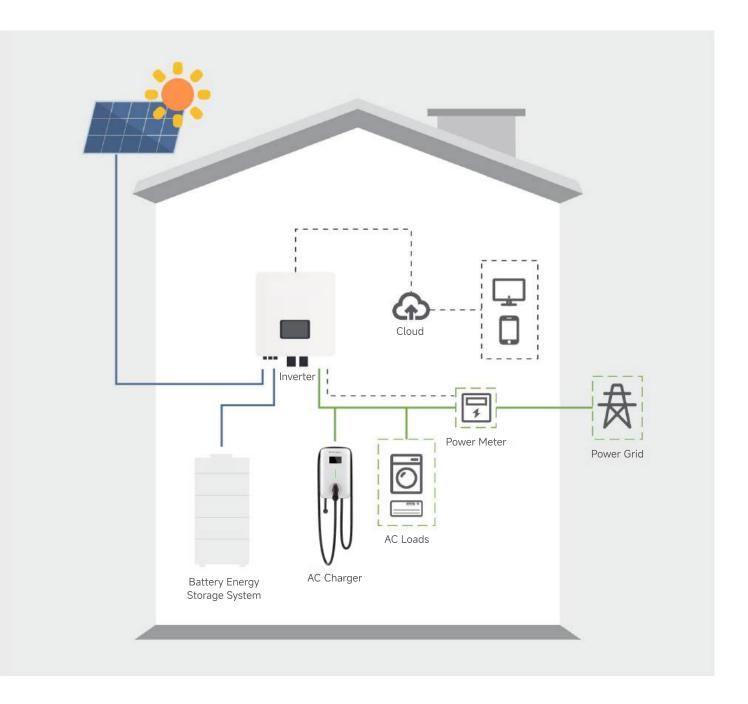
**Testing Platform** 



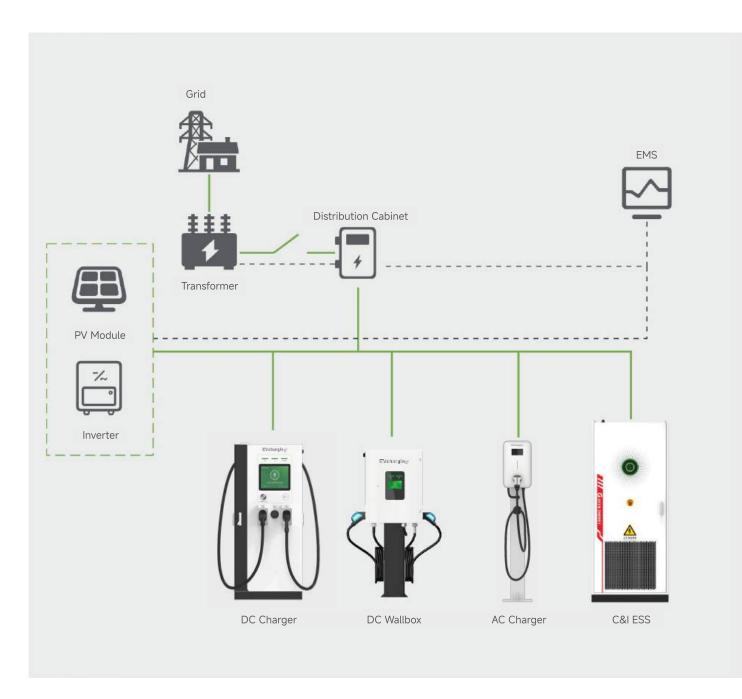
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## **Solutions**

Residential Energy Storage & Charging Solution



PV + Energy Storage Solution + EV Charger



EVcharging provider of EV charging solution

# 7/11kW Atlas AC Home Charger

#### **Extreme Safety**

- Current limiting protection to safeguard home power use and prevent nuisance tripping
- 9-fold protections for user and vehicle safety
- Certified by the third party

#### **High-value Quality**

- Robust, weatherproof design, up to IP65, -40C to 60°C operating temperature
- Always connected with Wi-Fi, Bluetooth, Ethernet (optional), remote support and firmware upgrades

#### **Ultimate Experience**

- Compatible with every electric vehicle
- Easy to install and maintain
- Continuous uptime without abnormal interruption

#### **Intelligent Management**

- Dynamic load management, efficient energy distribution for optimal charging
- Scheduled charging time for lower rates
- OCPP-compliant

#### Cable



#### Socket



#### Specification

Category	ltem	A7/11-ST-EU Socket/Cable			
	Voltage	230 VAC ± 20% / 400 VAC ± 20 %			
lamid	Current	1-phase 32A / 3-phase 16A			
Input	Frequency	50 Hz ± 1% / 60 Hz ± 1%			
	Network Type	TN / TT (LN voltage 240 V)			
	Voltage	230 VAC ± 20% / 400 VAC ± 20%			
Output	Current	1-phase 32A / 3-phase 16A			
	Power	7 kW / 11 kW			
	Material	PC+ASA			
Features &	Indicator	LED			
Functions	Cable Length	Standard 5m; Optional 3.5m			
	Standby Power Consumption	< 4 W			
	Communication	Standard: Wi-Fi, Bluetooth; Ethemet Optional: 4G			
Communication	User Authentication	Plug & Charge, RFID, APP			
	Backend Protocol	OCPP 1.6J, support update to OCPP 2.0J			
	Residual Current Protection	30 mA AC + 6 mA DC			
Safety	Safety Protection	Overcurrent, overvoltage, undervoltage, over-temperature, sticking relay, ground continuity monitoring, household power use protection, residual current protection, integrated surge protection			
Certification & Standards	Certifications	CE, RoHS			
Certification & Standards	Standards	EN IEC 61851-1, EN IEC 61851-21-2			
	Dimensions (W*H*D)(mm)	190 x 320 x 110			
	Weight	Cable version: ≤ 5kg (cable and pole not included); Socket version: ≤ 4kg			
	IP & IK Rating	Cable version: IP65; Socket version: IP55; IK10			
General Design	Installation	Wall-mounting / Pole-mounting			
	Operating Temperature	-40°C - 60°C			
	Operating Humidity	5% - 95%			
	Operating Altitude	≤ 2000 m			

# 7-22kW Atlas AC Commercial Charger

#### **Extreme Safety**

- Current limiting protection to prevent nuisance
- 9-fold protections for user and vehicle safety
- Certified by the third party

#### **High-value Quality**

- Robust, weatherproof design, up to IP65, anti-high and low temperature
- Always connected with Wi-Fi, Bluetooth, Ethernet (optional), remote support and firmware upgrades

#### **Ultimate Experience**

- Compatible with every electric vehicle
- Easy to install and maintain
- Continuous uptime without abnormal interruption

#### **Intelligent Management**

- Set custom charging fees, real-time charging insights via the operating system
- Dynamic load management, efficient distribution of energy for optimal charging





Socket

#### Specification

Category	Item	A7/11/22-OP-EU Socket/Cable	A7/9/11-OP-UL SH/SP			
	Voltage	230 VAC ± 20% / 400 VAC ± 20%	1-phase 208 VAC/240 VAC			
	Current	1-phase 32A / 3-phase 16A / 3-phase 32A	1-phase 32A, 40A, 48A			
Input	Frequency	50 / 6	0 Hz			
	Network Type	Support , TT, TN grid	Support TT, TN grid			
	Input Connector	Hardwired	Hardwired/Plug			
	Voltage	230 VAC ± 20% / 400 VAC ± 20%	1-phase 208 V / 240 VAC			
Output	Current	1-phase 32A / 3-phase 16A / 3-phase 32A	1-phase 32A, 40A, 48A			
Output	Power	1-phase 7 kW / 3-phase 11 kW, 22 kW	1-phase 7.7 kW, 9.6 kW, 11.5 kW			
	Output Connector	Mennekes (Type 2)	SAE J1772 (Type 1)			
	Material	PC+ASA	PC-XD2322 (f1)			
Features &	Indicator	LED and 4.3" co	lor LCD screen			
Functions	Cable Length	Standard 5m; Optional 7m	Standard 7m; Optional 5m			
	Standby Power Consumption	< 4	ł W			
	Communication	Standard: Wi-Fi, Bluetooth; Ethemet Optional: 4G				
Communication	User Authentication	RFID, APP				
	Backend Protocol	OCPP 1.6J, support update to OCPP 2.0J				
	Residual Current Protection	30 mA AC + 6 mA DC	20 mA CCID			
Safety	Safety Protection	Overcurrent, overvoltage, undervolta ground continuity monitoring, household protection, integrate	d power use protection, residual current			
Certification &	Certifications	CE, UKCA, RoHS	UL, ENERGY START, ROHS			
Standards	Standards	EN IEC 61851-1, EN IEC 61851-21-2	SAE J1772, UI2594, UL2231-1, UL2231-2, UL199			
	Dimensions (W*H*D)(mm)	235 x 39	P5 x 110			
	Weight	Cable version: ≤5kg(cable and pole not included); Socket: ≤4kg	Cable version: ≤5kg (cable and pole not included)			
	IP & IK Rating	Cable version: IP65; Socket version: IP55; Ik10	Cable version: IP65(NEMA 4), Ik10			
General Design	Installation	Wall-mounting/	Pole-mounting			
	Operating Temperature	-40°C - 55°C	-30°C - 50°C			
	Operating Humidity	5% -	95%			
Operating Altitude			00 m			

## 20-80kW Atlas DC Wallbox

#### Safe and Reliable

- 53-fold electrical protections
- Dual 4G card redundancy always online

#### **Exceptional User Experience**

- Fast charging, maximum current 200A, high efficiency 96%
- Support APP, NFC, credit card
- Integrated cable management system is easy to stretch support
- Support site energy management

#### **Easy Maintenance**

- Unique module pre-installation design
- Automatic inspection platform
- Remote diagnostics and OTA upgrade





#### Specification

Category	ltem	Altas D20-40kW Altas D40-80kW					¢W		
	Voltage			380VA	C ± 15%				
	Current	36A	52A	67A	67A	100A	131A		
Input	Frequency			50/60 H	Hz ±10%				
	AC Wiring	3P + N + PE							
	Voltage 200VDC - 1000VE			1000VDC					
Output	Current	Rated 67A	Rated 100A	Rated 125A	Rated 125A	Rated 200A	Rated 200A		
Output	Power	20kW	30kW	40kW	40kW	60kW	80kW		
	Outlet		Single outlet: CCS2	2	Two outlets: C	CCS2 + CCS2 / CCS	2 + CHAdeMO		
	HDMI		7" Hig	h brightness full co	olor touch screen	display			
Screen& Coummunication	Network			Etherr	et, 4G				
	Protocol	OCPP 1.6J, support update to OCPP 2.0J							
	Electrical Protection	Protection against short circuit, over-voltage, under-voltage, over temperature, surge, lightning; Detection of grounding, insualtion, phase deficiency; RCD protection.							
Protection	Hardware	Emergency stop button							
	Rating	IP54, IK10 (screen IK08)							
Certification &	Certifications	CE, RoHS(On plan)							
Standards	Standards		IEC 61851-1,	IEC 61851-23, IEC	61851-24, IEC 6185	1-21-2, RoHS			
Authentication	Online	1. <i>A</i>	APP; 2. RFID: ISO 14 Ap	443 typeA/B, mifa ople pay, Google p			ard,		
	Offline		1	1. White-listed RFI	card; 2. Passwor	d			
	Dimensions (W*H*D)(mm)		700 x 750 x 225			700 x 1000 x 290			
	Pole Dimensions (W*H*D)(mm)			360 x 17	00 x 150				
	Weight		160kg			190kg			
	Cable			Standard: 5 m	, Optional: 7 m				
	Standby Power		<20W			< 40W			
General Design	Installation		Wall r	mounting, Pole mo	unting (pole is opt	tional)			
General Design	Storage Temp	-40°C - 70°C							
	Operation Temp			-25°C	-50°C				
	Humidity			5% -	95%				
	Altitude			≤ 20	00 m				
	Noise			≤ 65	5 dB				
	Material	Galvanized metal							

# 80-160kW Atlas DC Fast Charger

#### Safe and Reliable

- 53-fold electrical protections
- Stainless steel cabinet
- Smart charging

#### **Easy Maintenance**

- Unique module pre-installation design
- Automatic inspection platform
- Remote diagnostics and OTA upgrade

#### **Exceptional User Experience**

- Low noise design, ≤ 60 dB
- Support APP, NFC, credit card, PNC
- User-friendly cable retraction system

# Future Proof

- Support parallel design to meet future high-power charging needs
- CCS 1, CCS 2, CHAdeMO, GB/T
- Built-in 10 + languages



#### Specification

Category	ltem	Atlas D80/120/160-EU	Atlas D80/120/160-UL				
	Voltage	400 VAC ± 10%	480 VAC ± 10%				
	Current	180 A / 250A / 320 A	117 A / 174 A / 231 A				
Input	Frequency	50/60 Hz ± 10%					
	AC Wiring	3P + N ÷	- PE				
	Voltage	200VDC - 10	000VDC				
	Max Current	200 A / 200 A / 200 A	s, 500 A(Optional)				
Outrot	Power	80 kW, 120 kW, 160 kW (320 kW: two with 500 A liquid cooling cable					
Output	One Outlet	CCS 2	CCS 1				
	Two Outlets	CCS 2 + CHAdeMO or GB/T	CCS 1 + CHAdeMO or GB/T				
	Three Outlets	CCS 2 + CHAdeMO or GB/T+ Type-2 (22 kW) socket(optional)	CCS 1 + CHAdeMO or GB/T+ Type-1 (22 kW) socket(optional)				
	HDMI	15" high brightness full color touchscreen display					
Screen& Coummunication	Network	Ethernet, Wi-Fi, SIM (4G)					
	Protocol	OCPP 1.6J, OCPP 2.0J ready					
	Electrical	Protection against short circuit, overvoltage, undervoltage, over temperature, integrated surge protection, lightning, detection of grounding, insulation, phase deficiency, RCD: AC outlet – 30 mA AC + 6 mA DC; DC outlet–Type A					
Protection	Hardware	Emergency stop button					
	Rating	IP54, IK10 (screen IK08)					
Certification &	Certifications	CE, UKCA, RoHS	UL, ENERGY STAR				
Standards	Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, RoHS	UL 2202, UL 2231-1, UL 2231-2				
Authentication	Online	1. APP; 2. RFID: ISO 14443 mifare 4. POS (Visa / Master Card, Debit					
	Offline	1. White listed RFID o	ard; 2. Password				
	Dimensions (W*H*D)(mm)	850 x (1880/2	100) x 600				
	Weight	<450	kg				
	Cable	Standard 5m; Optional 7m; Cable	management system optional				
	Standby Power	< 80 \	N				
General Design	Storage Temp	-40°C - 8	80°C				
General Design	Operation Temp	-30°C − 9	55°C				
	Humidity	5% - 99	5%				
	Altitude	≤ 2000	m				
	Noise	≤ 60 c	IB				
	Material	Stainless Steel					

# 200-400kW Atlas DC Fast Charger

#### Safe and Reliable

- 53-fold electrical protections
- Dual SIM card redundancy always online

#### **Easy Maintenance**

- Unique module pre-installation design
- Automatic inspection platform
- Remote diagnostics and OTA upgrade

#### **Exceptional User Experience**

- Large touch screen, built-in 10+ languages, easy to charge for charging, support video and picture advertising
- Support liquid-cooled super charge, the current can be reached 600A
- Integrated cable management system is easy to stretch and avoid getting dirty
- Barrier-free design, friendly operation

#### High ROI

- High charging turnover rate due to dynamically sharing power and the 50kW power granularity
- Stainless steel chassis, 10 years product life cycle, to secure long-term benefits
- Industry leading energy efficiency > 95%, module efficiency > 96%, reduce operational cost



#### **Specification**

Category	Item	Atlas D200/300/400-CE					
	Voltage		400VAC ± 10%				
	Current	329A	493A	657A			
Input	Frequency		50/60 Hz ±10%				
	AC Wiring	3P + N + PE					
	Voltage		200VDC-1000VDC				
Output	Current	200A	Rated 500A or 350A	Rated 500A or 350A			
Output	Power	200kW	300kW	400kW			
	Outlet						
	HDMI	32" Hi	gh brightness full color touch screen d	lisplay			
Screen& Coummunication	Network	E	ithernet, Wi -Fi, SIM card (2G / 3G / 4G	5)			
	Protocol	OCPP 1.6J, support upgrade to OCPP 2.0.1					
	Electrical Protection	Protection against short circuit, over-voltage, under-voltage, over temperature, surge, lightning; Detection of grounding, insualtion, phase deficiency; RCD protection.					
Protection	Hardware	Emergency stop button					
	Rating	IP54, IK10 (screen IK08)					
Certification &	Certifications	CE,RoHS (On plan)					
Standards	Standards	IEC 6185	51-1, IEC 61851-23, IEC 61851-24, IEC 61	851-21-2			
Authentication	Online		ID: ISO 14443 mifare 1; 3. ISO 15118 Plu / Master Card, Debit Card, Apple Pay,				
	Offline	1. White listed RFID card; 2. Password					
	Dimensions (W*H*D)(mm)		850 x 2240 x 1000				
	Weight		< 700kg				
	Cable		Standard 5 m; Optional 7m				
	Standby Power		< 80 W				
	Installation		Mounted				
General Design	Storage Temp		-40°C - 80°C				
	Operation Temp		-30°C - 55°C				
	Humidity		5% - 95%				
	Altitude		≤ 2000 m				
	Noise	≤ 60 dB					
	Material	Stainless steel					

# 60-360kW EVDC Fast Charger

#### Safe and Reliable

- Over 54 multi-dimensional safety protection
- Ensure safe and intelligent charging
- Intelligent O&M, online OTA upgrade

#### **Ultimate Experience**

- 200V to 1000V wide voltage range
- Compatible with every EV
- Universal application with high flexibility

#### **High Efficiency**

- High conversion efficiency
- Low standby power
- Dynamically allocate power granularity

#### High ROI

- Pre-installation, easy to transport and maintain
- Distribute power via auto dynamic load management
- High power efficiency and heat dissipation performance







#### Specification

Category	Item		EV	DC-(60-3	60)kW-10	DYHW			
	Voltage			380	V ± 20%				
	Current	120A 161	A 241A	332A	362A	483A	644A	724A	
Input	Frequency			50 Hz	z / 60 Hz				
	Power Factor	≥ 0.99							
	THDi			<	5%				
	Power	60kW 80k	W 120kW	160kW	180kW	240kW	320kW	360kW	
	Voltage			200 V	- 1000 V				
Output	Constant Power Voltage range			300 V	- 1000 V				
	Max Current			2	00A				
	Outlet	Single CCS2 ; CCS2 + CCS2 ; CCS 2 + GB/T ; GB/T + GB/T							
Carranarraiaatiaa	Network			Ethernet, 4G,	Wi-Fi, Bluetoc	oth			
Coummunication	Protocol	OCPP 1.6J, OCPP 2.0J ready							
	Electrical	Overcurrent, overvoltage, undervoltage, over-temperature, sticking relay, ground continuity monitoring, household power use protection, residual current protection, integrated surge protection							
Protection	Hardware	Emergency stop button							
	Rating			II	P 54				
Certification	Standards			GB/T 2023.18	&4; GB/T 1848	7.1			
A 11 11 11	Online	AP	P, RFID, POS (Vi	sa/Mastercard, D	ebit Card, App	ole Pay, Google	Pay), VIN		
Authentication	Offline			White listed RF	ID card, Passv	vord			
	Dimensions (W*H*D)(mm)	450 x 550 x 180	520	x 800 x 1500	600 x 8	00 x 1800	730 x 80	00 x 1950	
	Cable Length			5 m, or	customized				
	Cooling Method			Air	cooling				
	Screen		7" Higl	n brightness full-	color touchsci	een display			
	Standby Power	< 20 W							
General Design	Storage Temperature	-40°C - 80°C							
	Operating Temperature			-25°0	C - 50°C				
	Humidity			<b>\ </b>	95%				
	Altitude			≤ 2	000 m				
	Noise			≤ (	65 dB				
	Material	Galvanized steel							

# **360-600kW Atlas DC Fast Charger** (Split Charging Station)

#### **High Safety**

- 48-fold software protections
- 13-fold hardware protections: EMC, emergency shutdown, etc.
- Robust, all weatherproof design

#### Reliable Design

- Highly reliable module: fully sealed with glue
- Remote services with firmware updates and upgrades

#### **High ROI**

- Easy installation and O&M
- Industry leading energy efficiency > 95%, Module efficiency > 96%
- Al Energy Management Algorithm

# EVcharging CCG CGG CCG CGG

#### **Future Proof**

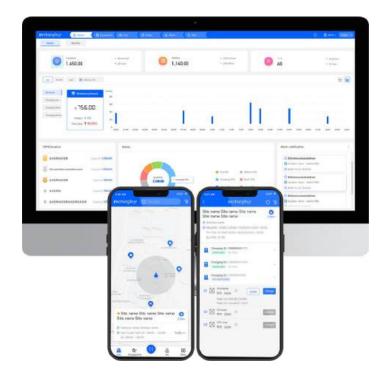
- Scale up to 500 A liquid cooled CCS cable for easy handling
- Modular, scalable architecture
- Fully converged power distribution and sharing

#### **Specification**

Category	ltem	Atlas DS 360/480/600-CE
	Voltage	400VAC ± 15%
	Current	684A - 912A
	Frequency	50 Hz / 60 Hz
Input	Network Type	TN / TT / IT (LN voltage 240V)
	Efficiency	≥ 95%
	Power Factor	≥ 0.99
	THDi	≤ 5%
	Voltage	200 V - 1000 VDC
	Current	200 A (CCS 1/CCS 2) / 125 A (CHAdeMO)
Output	Power	360 / 480 / 600 kW
	Voltage Stabilizing Accuracy	≤ ± 0.5%
	Current Stabilization Accuracy	≤ ± 1.0%
	Material	Standard: Cold rolled steel; Optional for 480 kW: Galvanized steel
	Indicator	LED
Features &	Screen	7" color screen
Functions	Emergence Stop	Inital
	Cable Length	5 m
	Power Cabinet	Up to 6 dispenser units per power cabinet unit (12 for 480 kW)
	Communication	Standard: Ethernet; Optional: 4G, WIFI
Coummunication	User Authentication	RFID, APP
Coummunication	Backend Protocol	OCPP 1.6J
	Support Language	English; Customized
Safety	Safety Protection	Overvoltage, undervoltage, grounding, ambient overtemperature, lightning, leakage, overcurrent, relay sticking detection, integrated surge protection.
Certification	Certifications	CE, RoHS
& Standards	Standards	IEC 62196, IEC 61851, CHAdeMO 2.0, DIN 70121, ISO 15118
	Dimensions (W*H*D)(mm)	Power Cabinet: 1500 x 2000 x 1000; User Unit: 750 x 2000 x 900
	Weight	Power cabinet: ≤ 1000kg; Dispenser: ≤ 260kg
	IP Rating	IP54
General Design	Installation	Ground-mounted
	Operating Temperature	-30°C - 50°C
	Operating Humidity	5% - 95%
	Altitude	≤ 2000 m

# **Smart Operating Platform for EV Charger**

Charging management platform with key features to serve corporate customers in a fast-growing industry



#### Platform-as-a-service

Cloud platform for large businesses to operate and manage multiple customers, millions of drivers and transactions

#### **Customizable Features**

Extensive billing and payment features, charging priorities settings, etc.

#### **OCPP & API-compliant**

Compliant with open-source protocols including OCPP and OCPI, future-proof, flexible to integrate with parking, fleets and other backends

#### White-labeled interfaces

Fully branded platform portal and apps including style, contact details, etc.

# **Project Cases**



The United Nations Climate Conference (COP27) in Egypt



**BMW Battery Recycle Power Storage Station** 



Smart Home Charger in Israel



China Southern Power Grid



Xiaopeng Super Charger ( NASDAQ: XPEV )



Hong Kong-Zhuhai-Macao Bridge Bus Charging Station

# 125kW+261kWh BESS All-in-one Liquid Cooling

#### Safe and Reliable

- Highly quality LFP cell testified DOD circle >6000
- Perfluoro firefighting & Non EV (vented explosion) construction design prevent thermal runaway and fire event

#### **Efficient and Flexible**

- All-in-one system 400VAC I/O, plug-in-play, liquid cooling system reduce 40% space occupation
- On-grid & black start working model
- HF power modular PCS base on three-level interter topology, >90% AC efficiency
- Black start allow system to backup when utility goes off, max 10 units parallel

#### **Smart and Robust**

- Cloud monitoring system, remote monitoring and OTA
- IP54 with C4 protection and build-in PTC heater on celll evel, against extremely condition

#### **Low OPEX**

- Al enchant two level BMS accuracy control battery state, saving maintenance cost
- Liquid cooling BC management System, keep temperature consistency between battery pack <3%, reduce 30% power consumption, extend battery life circle more than 2 years



#### Specification

Category	ltem	EASS125kW-261kWh
	Battery Cell Type	LFP
	Battery Pack Capacity	314Ah
	Battery Configuration	1P260S
Outdoor Battery	Total Battery Capacity	261kWh
Cabinet Parameters	Rated Voltage	832VDC
	DC Voltage Range	728~936VDC
	Charge/Discharge Rate	0.5C/0.5P
	DoD Circle	> 6000 times
	Rated Power	125kW
	Rated Voltage	400VAC (±15%)
	Rated Frequency	50/60Hz (± 2.5Hz)
AC Side (On-Grid)	Max. THDv	≤3%
	Adjustable PF Range	98.50%
	Over Loading	110.00%
	Rated Voltage	400VAC
	Rated Frequency	50/60Hz
AC Side(Off -Grid)	Max. THDv	≤3%
	Rated AC Output Power	125kW
	Max. AC Output Power	137.5kW
Efficiency	Max Efficiency	>90%
	Reverse Connection Protection	YES
	DC Switch	YES
	Over - Temp Protection	YES
Protection	Insulation Monitoring (Bat Side)	YES
	DC/AC Surge Protection	YES
	Fire Suppression System	Perfluoro (pack) + Temp sensor + Water distingular (cabinet)
	Dimensions (W*H*D)(mm)	1000 x 2350 x 1350
	Weight	≤2500kg
	IP Level	IP54
	Operation Humidity	0%-95%
	Operation Temperature	-30°C- 55°C
	Max. Operation Altitude	<3000m
System Parameter	Noise Level	75 dB
	Communication Port	Rs485, TCP/IP
	Cooling Method	Liquid cooling
	Standards	IEC 62619, IEC 63056, IEC 62040, IEC 62477, IEC 61000, UN 38.3
	Max. Parallel Quantity (off - grid)	10
	EMS	YES

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# **6kW Single-phase Home Energy Solution All-in-one**



Sleek and compact design

- Stacking design for easy installation
- Flexible expansion of battery capacity
- Seamless switching of emergency mode to ensure that loads do not power down
- IP66 stainless steel enclosure, waterproof and dustproof
- Security and stability, 24-hour intelligent monitoring
- Module plug & play, automatic recognition
- Flexible setting of multiple working modes according to preferences

#### Specification

Category	Item			EAHI-60	00-SL-S						
	Max. Input Power			800	00W						
	Input Voltage Range			100-5	50VDC						
	Rated Input Voltage			360	VDC						
	Min. Operating Voltage			150	VDC						
PV Input	MPPT Operating Voltage			100-54	40VDC						
	PV Max. Input Current Per MPPT			16A	/16A						
	PV Max. Short-Circuit Current Per MPPT			24A	/24A						
	Quantity of Independent MPPT			2	2						
	Number of Input Strings Per MPPT	1/1									
	Battery Type	Lithium battery									
	Battery Voltage Range			42~5	8VDC						
5	Max. Charging Current	100A									
Battery Input	Max. Discharging Current			12	0A						
	Charging Curve			3 Stages/E	gualization						
	Lithium Battery Charging Strategy				-adaption						
	Grid Type				phase						
	Input Voltage Range				76VAC						
AC Input (grid side)	Input Frequency Range				/60±5Hz						
	Max. Input Current	40A									
	Rated Output Power				/ 6000W						
	Rated Output Voltage & Frequency				C, 50Hz/60Hz						
AC Outrout (avid aida)	Rated Output Current				3A						
AC Output (grid side)	Power Factor				ing~0.8lagging)						
	Total Current Harmonics	<3% (@Rated power)									
	Rated Output Power	\$5% (@Rated power)  6000VA / 6000W									
	Rated Output Voltage & Frequency		270\//			7/4047					
AC Output		230VAC (208/220/240VAC settable), 50Hz/60Hz 27.3A									
(back-up side)	Rated Output Current										
	Voltage Harmonic				near load)						
	Switching Time				)ms						
Efficiency	Max. Efficiency				8%						
	MPPT Efficiency				9%						
Protections	Comprehensive	temperature	-voltage protection e protection, anti-is unit, output over-c	slanding protection	n,insulation resista	nce detection, res	idual current				
	Surge Protection			DC Type II	/AC Type III						
	Safety Regulation			IEC/EN 62109-	-1/-2, AS62109						
Ctondordo	EMC			EN 61000-6	5-1/-2/-3/-4						
Standards	Grid Connection		1-21, DIN VDE V 012 19/1-9:2022, ETSI E	N303645+PSTI, C							
	Topology		ŀ	High frequency iso	lation (to batteries	5)					
	IP Rating			IP	66						
	Operation Temperature			-25°C-60°C (de	erated at >45°C)						
0.11	Cooling Mode			Natural	cooling						
Others	Max. Altitude			400	00m						
	Noise Level at 1m			≤25	5dB						
	Installation Mode			Floor-m	nounted						
	Dimensions(WxHxD)(mm)			600 x 53	30 x 305						
	Number of Battery Modules	1	2	3	4	5	6				
	Battery Capacity	5.12kW	10.24kW	15.36kW	20.48kW	25.6kW	30.72kW				
System Componen	Dimensions(WxHxD)(mm)	600*778*305	600*998*305	600*1218*305	600*1438*305	600*1658*305	600*1878*305				
	Net Weight(kg)	93	143	193	243	293	343				
						2.0	0.0				

# 10/15/20kW Three-phase Commercial Energy Solution All-in-one





Lithium iron phosphate battery, IP66 outdoor protection level, builtin fire protection module



Single cluster supports 5-20kWH stack-ing expansion, and supports up to 3 clusters of 60kWh flexible expansion



Battery modular design, stacking plug-in installation, plug & play



App real-time monitoring, support online remote OTA upgrade, easy operation and maintenance

#### **Specification**

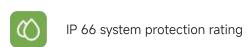
Category	ltem	EAHI10KTH-	s	EAHI15	KTH-S	EAHI20KTH-S		
	Max. Input Power	20kW		301	¢W	30kW		
	Input Voltage Range			160-100	00VDC			
	Rated Input Voltage	650VDC						
DV Input Parameter	MPPT Voltage Range		160-950Vdc(625-800V Full power)					
PV Input Parameter	Max. Input Current Per MPPT	16A/16A			16A/	32A		
	Max. Short-Circuit Current Per MPPT	24A/24A	24A/24A 24			748A		
	Number of MPPTs			2				
	Number of Input Strings Per MPPT	1/1			1/	2		
	Battery Type			Lithium	battery			
Battery Input Parameter	Voltage Range			650-98	BOVDC			
rarameter	Max. Charge/Discharge Current	15.4A/15.4A 23.1		23.1A/	23.1A	30.8A/30.8A		
	Power of Grid	15kVA		22.5	kVA	30kVA		
	Max. Input Current	21.7A		32.	6A	40A		
	Input Voltage Range & Frequency			320-480VAC, 5	0±5Hz/60±5Hz			
	Rated Output Power	11kVA/ 10kW		16.5kVA	/ 15kW	22kVA/ 20kW		
AC Input and	Rated Output Voltage			3/N/PE.380\	/AC/400VAC			
Output(grid)	Rated Output Frequency			50Hz/	60Hz			
	Rated Output Current	15.2A/14.5A		22.8A	/21.7A	30.4A/29A		
	Max. Output Current	16.7A/15.8A		25.1A/	23.8A	33.5A/31.8A		
	Power Factor	> 0.99 (0.8leading-0.8lagging)						
	THDi	≤3% (@Rate			ed power)			
	Max. Input Power	10kW		15k	:W	20kW		
Generator Input	Max. Input Current	15.2A		22.8A		30.4A		
	Rated Output Power	10kVA/ 10kW 10kVA/ 10kW			20kVA/ 20kW			
	Rated Output Voltage	3/N/PE. 380VAC/400VAC						
	Rated Output Frequency			50Hz/	60Hz			
AC Output Parameter	Rated Output Current	15.2A/14.5A		22.8A	/21.7A	30.4A/29A		
(back-up load)	Max. Output Current	15.2A		22.	8A	30.4A		
	THDv			≤3% (@Lir	near load)			
	Switching Time			≤10	ms			
	Max. Efficiency			98.	2%			
Efficiency	MPPT Efficiency			99.9	9%			
	Protections					circuit,over temperature,residual anti-islanding, surge protection		
	Surge Protection			DC Type II/	AC Type III			
	Battery Modules Number	1		2	3	4		
	Battery Capacity	5.12kWh	10	0.24kWh	15.36kWh			
	Battery Cluster Number			3	,			
	Dimensions(WxHxD)(mm)	450 x 1250 x 270	450 >	( 1600 x 270	450 x 1950 x	270 650 x 2300 x 270		
Others	Net Weight(kg)	120		175	230	285		
	Parallel Operation			6 ur				
	Topology			Non-is				
	IP Rating			IP6	56			
	Operating Temperature			-25°C -				
	Cooling Mode	Atural cooling			Smart o	cooling		
	Altitude	, man an accuming		300				
	Noise Level at 1m	≤25dB				≤50dB		
Standards	Grid Connection	<25dB <45dB <50dB NC RFG+PTPIREE, VDE 0126, EN50549-1/10, DIN VDE V 0124-100:2020, VDE-AR-N 4105:2018, PPDS, CEI 0-21				E ∨ 0124-100:2020,		
	EMC	IEC/EN 42100 1/						
	EMC	IEC/EN 62109-1/-2, IEC 62040-1, IEC6 2477, IEC 62619:2022, EN 61000-6-1/-2/-3/-4						

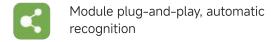
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# 48V Low Voltage Battery Cabinet IP66 Stacked 5.12kWh









Flexible expansion of battery capacity

#### **Lithium-ion Battery Module**

Item	EHBS-P30-SL
General	
Battery Type	LiFePO4
Module Capacity	5.12kWh
System Capacity	5-30kWh, Expandable
Battery Cluster Number	6
Max. Cluster Number	2
Rated Voltage	48VDC
Voltage Range	41.6-57.6VDC
Max. Charge/Discharge Current	50A/75A
Communication	RS485/CAN
Dimensions(WxHxD)(mm)	600 x 230 x 380
Net Weight Per Module	52kg
IP	IP66
Operating Temperature	-25°C - 60°C
Cooling Mode	Natural cooling
Heating Mode	PTC heating
Altitude	3000m
Noise Level	<20dB
Installation Method	Floor-mounted
Standards	
Safety Regulation	IEC 61000-1/3; IEC 62619: 2022; IEC 60730-1
EMC	IEC 61000-6-1, EN/IEC 61000-6-3
Transportation	UN 38.3

#### **Battery Distribution Unit Specification**

Item	PDU-SL			
Parameter				
Max. Current	250A			
Voltage Range	41.6 - 57.6VDC			
Display Method	LED			
Dimensions(WxHxD)(mm)	600 x 240 x 380			
Net Weight (kg)	11kg			
IP	IP66			
Fixed Base Dimensions(WxHxD)(mm)	650 x 50 x 380			

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# 750V High Voltage Battery Cabinet IP 66 Stacked 5.12kWh





App real-time monitoring, supports online remote OTA upgrades, easy operation and maintenance



Stacking design for easy installation



High voltage batteries are equipped with built-in high efficiency DC-DC modules, making battery expansion more reliable

#### **Battery Specification**

ltem	EHBS-P5-TH		
General			
Battery Type	LiFePO4		
Module Capacity	5.12kWh		
System Capacity Range	5-30kWh, Expandable		
Battery Cluster Number	4		
Max. Cluster Number	3		
Rated Voltage	750VDC		
Voltage Range	600-1000VDC		
Max. Charge/Discharge Current	3.4A/5.5A		
Communication	RS485/CAN		
Dimensions(WxHxD)(mm)	650 x 370 x 270		
Net Weight Per Module	55kg		
IP	IP 66		
Operating Temperature	20°C - 55°C		
Cooling Mode	Natural cooling		
Heating Mode	PTC heating		
Altitude	3000m		
Noise Level	<40dB		
Installation	Floor-mounted		
Standards			
Safety Regulation	IEC 62619 2022, ISO 13849, IEC/EN 62040-1, IEC/EN 62477, IEC62109-1/2		
EMC	IEC 61000-6-1, EN/IEC 61000-6-3		
Transportation	UN 38.3		

#### **Battery Distribution Unit Specification**

Item	PDU-GU-Y/F			
Parameter				
Max. Current	50A			
Voltage Range	300-1000VDC			
Indication	LED			
Dimensions(WxHxD)(mm)	650 x 150 x 270			
Net Weight	11kg			
IP	IP66			
Fixed Base Dimensions(WxHxD)(mm)	650 x 100 x 270			

EAHI-3000-SL EAHI-3600-SL EAHI-6000-SL

### Specification

Category

Item

Max. Input Power

# 3-6kW Single-phase Hybrid Inverter





IP66 all-aluminum chassis, adaptable to outdoor environment



APP real time monitoring, easy maintenance



High charge/discharge efficiency, compatible with lithium batteryand lead-acid battery



Outstanding off-grid output performance, adaptable to various non-linear load



Flexibly settable charge/discharge time section and power, peak load shaving

	Voltage Range	100-550VDC			
	Rated Input Voltage	360VDC			
	Min. Operating Voltage	150VDC			
PV Input Parameter	MPPT Voltage Range	100-540VDC			
	Max. Input Current Per MPPT	16A 16A/16A			16A
	Max. Short-Circuit Current Per MPPT	24	A	24A/24A	
	Number of MPPTs	1		2	
	Number of Input Strings Per MPPT	1		1/	1
	Battery Type	Li-ion, Lead-acid battery			
	Voltage Range	42~58VDC, 48VDC(rated)			
Battery Input	Charge Current	66A	75A	100A	100A
Parameter	Max. Discharge Current	66A	75A	100A	120A
	Charging Curve	3 Stages/Equalization			
	Lithium Battery Charging Strategy		BMS self	-adaption	
	Grid Type		Single pha	se (L/N/PE)	
AC Input	Input Voltage Range & Frequency		184~276VAC, 5	0±5Hz/60±5Hz	
Parameter (grid)	Max. Input Current	21.8A	26.2A	36.5A	40A
	Rated Output Power	3000VA/ 3000W	3600VA/ 3600W	5000VA/ 5000W	6000VA/ 6000W
	Grid System Mode		Single phas	se (L+N+PE)	
	Rated Output Voltage & Frequency			AC, 50Hz/60Hz	
AC Output	Rated Output Current	13.6A/13.0A	16.4A/15.7A	22.7A/21.8A	27.3A/26.1A
Parameter (grid)	Max. Output Current	13.6A	16.4A	22.7A	27.3A
	Power Factor		> 0.99 (0.8lead	ing~0.8lagging)	
	THDi	≤3% (@Linear load)			
	Rated Output Power	3000VA/ 3000W	3600VA/ 3600W	5000VA/ 5000W	6000W/ 6000W
	Output System Mode	Single phase (L+N+PE)			
	Rated Output Voltage	230VAC (208/220/240VAC settable)			
AC Output	Rated Output Frequency	50Hz/60Hz			
Parameter (back-up)	Rated Output Curren	13.0A	15.7A	21.8A	26.1A
	Max. Output Current	14.4A	17.3A	24.0A	28.8A
	THDv	≤3% (@Linear load)			
	Transfer Time	≤10ms			
	Max Efficiency		97.	8%	
Efficiency	MPPT Efficiency		99	9%	
Protection	Protection			ad,output s hort-circuit, ove ulation resistance, a nti i sla	
	Output Overvoltage Protection		DC Type II.	/AC Type III	
	Communications		RS485	5, WIFI	
	Dimensions(WxHxD)(mm)		548 x 4	40 x 197	
	Net Weight(kg)	21	.4	24	1.8
	Topology		High frequency iso	plation (for battery)	
0.11	IP Rating		IP	66	
Others	Operating Temperature	-25°C-60°C (derated at > 45°C)			
	Cooling Mode	Natural cooling			
	Altitude	4000m			
	Noise Level at 1 m	≤25dB			
	Installation Mode		Wall-n	nounte	
	Safety Regulatio		IEC/EN 62109	-1/-2, AS62109	
Standards	EMC	EN 61000-6-1/-2/-3/-4			
	Grid Connection	CEI 0-21, DIN VDE V (	0124-100: 2020, VDE-AR-N	I 4105: 2018, AS4777.2, NRS	6097-2-1, EN 50549-1

# 10-12kW Single-phase Hybrid Inverter





Supports PV inverter, generators, and microgrid inputs, suitable for new and modified photovoltaic and microgrld systems



Support RSD and AFCI optional configurations to provide system protection



App real-time monitoring, supports online remote OTA upgrades, easy operation and maintenance



Supports multiple inverters with EPS output in pamallel, and can be expanded to small industrial and commercial applications



Mains and PV input power owersized at a ratio of 1.5, resulting in a more stable system operation

#### **Specification**

Category	ltem	EAHI10KSL	EAHI12KSL			
	Max. Input Power	18kW	18kW			
	Voltage Range	100-550VDC				
	Rated Input Voltage	360VDC				
	Start-Up Voltage	150\	/DC			
DV/Invaria Demonstration	MPPT Voltage Range	100-54	40VDC			
PV Input Parameter	Full Power MPPT Voltage Range	300-500V				
	Max. Input Current Per MPPT	30A/30A				
	Max. Short-Circuit Current Per MPPT	40A/40A				
	MPPT Voltage Range	2				
	Number of Input Strings Per MPPT	2/	72			
	Battery Type	Li-ion,Lead-	acid battery			
Battery Input	Voltage Range	42~58	BVDC			
Parameter	Max. Charge/Discharge Current	180A/180A	250A/250A			
	Max. Apparent Power of Grid	15kVA	18kVA			
	Max. Input Current	68.2A	81.8A			
	Input Voltage Range	184~2	76VAC			
	Input Frequency Range	50±	5Hz			
AC Input and Putput	Rated Output Power	10kVA / 10kW	12kVA / 12kW			
Parameter (grid)	Rated Output Voltage	1/N/PE.220\	/AC/230VAC			
	Rated Output Frequency	50	Hz			
	Rated Output Current	45.5A/43.5A	54.5A/52.2A			
	Power Factor	> 0.99 (0.8lead	ing~0.8lagging)			
	THDi	≤3% (@Rat	red power)			
	Rated Output Power	10kW	12kW			
	Max. Apparent Power	10kVA	12kVA			
	Rated Output Voltage	1/N/PE,220\	AC/230VAC			
AC Output Parameter	Rated Output Frequency	50	Hz			
(back-up)	Rated Output Current	45.5A/43.5A	54.5A/52.2A			
	Max. Output Current	45.5A	54.5A			
	THDv	≤3% (@Lir	near load)			
	Switching Time	≤20	lms			
	Max. Efficiency	97.	8%			
Efficiency	MPPT Efficiency	99:	9%			
Protection	Protection	Over/under voltage, over/under-frequency, over load, output short-circuit, over temperature, residual current monitoring unit, output over-current, insulation resistance detection, anti islanding, surge protection				
	Surge Protection	DC Type II/	AC Type III			
	Dimensions(WxHxD)(mm)	450 x 60	00 x 270			
	Net Weight(kg)	4	5			
	Topology	High frequency iso	olation(for battery)			
	IP Rating	IPo	56			
Others	Operating Temperature	-25°C − 60°C				
	Cooling Mode	Smart cooling				
	Altitude	3000m				
	Noise Level at 1 m	≤55	5dB			
	Installation Mod	Wall-m	ounted			
	Safety Regulatio	IEC/EN 62109-	-1/-2, AS62109			
Standards	EMC	EN 61000-6	o-1/-2/-3/-4			
	Grid Connection	NRS097-	2-1: 2017			

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# 10-20kW Three-phase Hybrid Inverter





Supports PV inverter, generators, and microgrid inputs, suitable for new and modified photovoltaic and microgrid systems



Mains and PV input power oversized at a ratio of 1.5, resulting in a more stable system operation



App real-time monitoring, supports online remote OTA upgrades, easy operation and maintenance



Support RSD and AFCI optional configurations to provide safer protection for the system



Supports multiple inverters with EPS output in parallel, and can be expanded to small industrial and commercial applications

#### **Specification**

Category	Item	EAHI10KTH	EAHI15KTH	EAHI20KTH	
	Max. Input Power	20kW	30kW	30kW	
PV Input	Voltage Range		160-1000VDC		
	Rated Input Voltage		650VDC		
	Start-Up Voltage		180VDC		
	MPPT Voltage Range		160-950VDC		
Parameter	Full Power MPPT Voltage Range		625-800V		
	Max. Input Current Per MPPT	16A/16A		16A/32A	
	Max. Short-Circuit Current Per MPPT	24A/24A		24A/48A	
	Number of MPPTs		2		
	Number of Input Strings Per MPPT	1/1		1/2	
	Battery Type		Lithium battery		
Battery	Voltage Range		150-600VDC		
Input parameter	Max. Charge/Discharge Current		50A/50A		
	Max. Apparent Power of Grid	15kVA	22.5kVA	30kVA	
	Max. Input Current	22.8A	34.2A	40A	
	Input Voltage Range		320-480VAC		
	Input Frequency Range		50±5Hz/60±5Hz		
AC Input and Putput	Rated Output Power	11kVA/ 10kW	16.5kVA/ 15kW	22kVA/ 20kW	
Parameter (grid)	Rated Output Voltage & Frequency		3/N/PE.380VAC/400VAC, 50Hz/60	Hz	
	Rated Output Current	15.2A/14.4A	22.8A/21.7A	30.4A/29A	
	Max. Output Current	16.7A/15.8A	25.1A/23.8A	33.5A/31.8A	
	Power Factor		> 0.99 (0.8leading - 0.8lagging)		
	THDi		≤3% (@Rated power)		
	Rated Output Power	10kVA/ 10kW	15kVA/ 15kW	20kVA/ 20kW	
	Rated Output Current	15.2A/14.4A	22.8A/21.7A	30.4A/29A	
AC Output	Max. Output Current	15.2A	22.8A	30.4A	
(back-up load)	THDv		≤3% (@Linear load)		
	Switching Time		≤20ms		
-c	Max. Efficiency		97.8%		
Efficiency	MPPT Efficiency		99.9%		
Protection	Protection	Over/under voltage, over/under-frequency, over I oad, output s hort-circuit, over t emperature, r esidual c urrent monitoring unit, output over-current, i nsulation resistance detection, a nti i slanding, s urge protection			
	Surge Protection		DC Type II/AC Type III		
	Dimensions(WxHxD)(mm)		500 x 660 x 270		
	Net Weight(kg)	41			
	Parallel Operation	Suports 6 units in parallel connection			
	Topology	Non-isolated			
Others	IP Rating		IP66		
Others	Operating Temperature		-25°C - 60°C		
	Cooling Mode	Natural cooling		Smart cooling	
	Altitude		3000m		
	Noise Level (1m)	≤25dB	≤45dB	≤50dB	
	Installation Method		Wall-mounted		
Standards	Safety Regulatio	VDE 0126, En505	649, DIN VDE V 0124-100: 2020, VD	DE-AR-N 4105: 2018	
	EMC		IEC/EN 62109-1/-2		

# **System Accessories for Energy Storage System**

#### **Communication Stick**



- The collection rod integrates multiple protocols and can be applied to photovoltaic inverters and other aviation plug devices.
- Local monitoring through WiFi.

Item	Communication			
WIFI Wireless Parameter				
Wireless Standards	802.11b/g/n			
Frequency Range	2.412GHz - 2.484GHz			
Transmit Power	802.11b: +16+/-2dBm(@11Mbps) 802.11b: +14+/-2dBm(@54Mbps) 802.11b: +13+/-2dBm(@HT20,MCS7)			
Receiving Sensitivity	802.11b: -87dBm(@11Mbps) 802.11g: -74dBm(@54Mbps) 802.11n: -71dBm(@HT20,MCS7)			
Antenna	Onboard PCB Antenna			
Bluetooth Features				
Protocol	Bluetooth 5.2			
Output Power	(Max. 15dBm)			
Transmit Power	6dBm			
Receiving Sensitivity	-95Bm			
Onboard PCB Antenna				
Frequency	GPRS: 900/1800MHZ WIFI: 2.4GHZ			
SWR	2.0MAX			
Input Resistance	50Ω			
Gain	2dBi			
Operating Temperature	-20°C-70°C			
Antenna Color	Black			
Interface	SMA			

#### Smart Electricity Meter

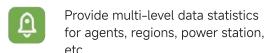


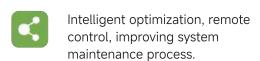
- Energy efficient, power consumptions 2W
- Integrates smoothly with EAST devices, no need for setup
- 1% high-accuracy power detection for precise control
- LCD real-time info display, easy to operate and check
- 100 ms data refresh rate, instantaneous data feed

Item	DDS3366D	YDM201D	DTSD3366 M-4-W1-A	DDS3366D-J	
Specification					
Dimensions(WxHxD)(mm)	90 x 72 x 63	100 x 36 x 65	76.5 x 72 x 63.5	100 x 36 x 70	
Installation Method	DIN 35mm				
Weight(kg)	0.382	0.17	0.2	0.15	
Power Supply					
Grid Type	1P2W	1P2W	3P4W	1P2W	
Input Voltage	176-276VAC	176-276VAC	176-276VAC	176-276VAC	
Power Consumption	< 2W	≤1.5W	≤1.5W	< 1.5W	
Measuring range & Measuring accuracy					
Voltage	176-264VAC	176-264VAC	304-456VAC	176-264VAC	
Voltage Accuracy		±0.	5%		
Current	0-80A	0-80A	0-120A	0-60A	
Active Power/Current	±1%				
Frequency Accuracy	±0.02Hz				
Communication					
Communication Port	RS-485				
Communication Protocol	ModBus-RTU				
Baud Rate	1200/4800/9600/19200/38400(factory default 9600bps)				
Operating Temperature Range	-20°C-50°C	-25°C-55°C	-10°C-50°C	20°C-55°C	
Storage and Transport Temperature Range	-40°C-70°C	-40°C-85°C	40°C-70°C	-40°C-70°C	
Working Relative Humidity	40°%-60%RH	0%-85%RH (no condensation exposure)	0%-85%RH	20%-75%RH	

# **Smart Energy Management System for Energy Storage System**









Provide various types of system logs to locate the cause of a problem on SCADA, PC, APP accurately



Offer the advantages of comprehensive inverter technology providing strong and Intelligent O&M management

# **Project Cases**



Sanmenxia 50MW/100MWh Shared Energy Storage Project



Inner Mongolia Dengkou County 40MW/80MWh
PV Plus Energy Storage Project



Western China (Chongqing) Science City Xiyong Comprehensive Bonded Zone 100MW/200MWh Grid Side Centralized Energy Storage Power Plant



Tianhe Bazhou Energy Yuli County 100MW PV Plant Plus Energy Storage Project



Gansu Wind Power Plant 180MW/720MWh Energy Storage System



Jiangsu Kunshan 3MW/22.5MWh Energy Storage Power Plant