SOET
SOLUTIONS ORIENTED TO ENERGY TRANSITION

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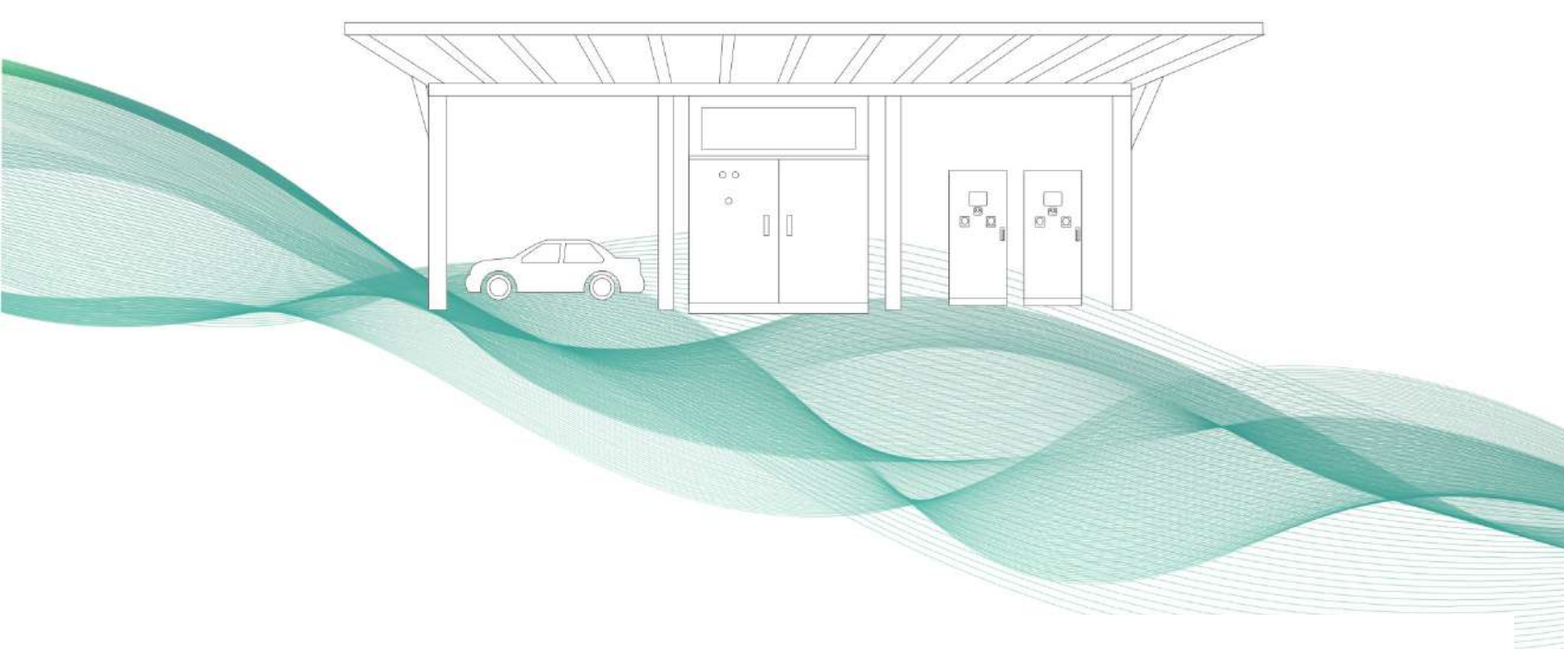

SOET
SOLUTIONS ORIENTED TO ENERGY TRANSITION

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SOET

SOLUTIONS ORIENTED TO ENERGY TRANSITION

The Energy Transition represents a new way of using energy, characterized by lower production costs, higher efficiency, reduced CO_2 emissions, and greater geopolitical independence. This approach relies on the strong electrification of energy consumption, which consequently creates challenges related to the availability of electrical energy at a specific location, at a specific time, and at a required power level.

SOET (Solutions Oriented to Energy Transition) offers engineered solutions to deliver electrical energy where it is needed, when it is needed, and at the required power level, through battery energy storage technologies and EV charging systems, equipped with intelligent energy management systems and customized power conversion solutions.

60–400kW
DC CHARGING STATION

Charging Assurance
- Multiple safety protection functions ensure charging safety
- Module potting design extends product durability

High - efficiency Compatibility
- The screen automatically turns off in standbymode, with a peak brightness of 900 nits
- Enables remote fault diagnosis, debugging, and OTA upgrades

Smart Charging
- Supports 4G/Wi-Fi/Bluetooth/Ethernet networking
- Supports card swiping, QR code scanning, PIN entry, and plug-and -charge functionality

Item		Specification Description							
System Power		60kW	120kW	160kW	180kW	240kW	320kW	360kW	400kW
Input Parameters	Input System	Three-phase five-wire system (3P+N+PE)							
	Rated Voltage	400VAC±10%							
	Grid Frequency	45~65Hz							
	Power Factor	≥0.99							
Output Parameters	Output Voltage	DC 200～1000V							
	System Efficiency	≥96%							
	Output Channels	Supports single and double guns configurations							
	Charging Interfaces	CCS1+CCS1、CCS1+CCS2、CCS2+CCS2、CCS1+GB/T、CCS2+GB/TCCS1+GB/T、CCS2+GB/T							
	Gun Cable Length	5m(Length: Customizable)							
	Maximum Output Current per Channel（A）	200	250/300						
	Maximum Output Current of the Whole（A）	200	250/400	500/600					
Operating Environment	Operating Temperature	-30°C～+70°C（derated output above 55°C）							
	Storage Temperature	-40°C～+75°C							
	Operating Humidity	5%-95%，no condensation							
	Altitude	≤2000m，output derated above 2000m							
	Noise	≤65dB （1m away from the cabinet）							
Safety Protection	Protection Functions	Input over-voltage and under-voltage protection, output over-voltage protection, output overcurrent protection, short-circuit protection, battery reverse connection protection, insulation protection, access control protection, BMS data anomaly protection, emergency stop protection, electromagnetic lock anomaly protection, abnormal gun disconnection protection, lightning protection, tilt alarm protection (optional), water immersion alarm protection (optional)							
	Protection Class	IP55							
Monitoring Communication	OCPP	OCPP 1.6J or OCPP2.0							
	Remote Communication	Ethernet, 4G modules							
	HMI	10.1-inch color high-definition touchscreen							
	Vehicle-Charger	PLC（DIN70121、ISO15118）							
Startup Method		Password, QR code scanning, IC card, credit card, bank card, Etc							
Appearance Structure	Dimensions (W×D×H)	750*650*1800mm			850*850*2000mm				
	Weight (kg)	240kg	300kg	340kg	360kg	420kg	480kg	500kg	520kg
	Maintenance and installation	Front access door maintenance, supports close-to-wall installation							
	Certification mark	CE							

600-960kW

SPLIT-TYPE DC CHARGER（AIR- COOLED）

Charging Assurance

- Multiple safety protection functions ensure charging safety
- Module potting design extends product durability

High - efficiency Compatibility

- The screen automatically turns off in standbymode, with a peak brightness of 900 nits
- Enables remote fault diagnosis, debugging, and OTA upgrades

Smart Charging

- Supports 4G/Wi-Fi/Bluetooth/Ethernet networking
- Supports card swiping, QR code scanning, PIN entry, and plug-and -charge functionality

Item		Specification Description			
System Power		600kW	720kW	800kW	960kW
Input Parameters	Input System	Three-phase five-wire system (3P+N+PE)			
	Rated Voltage	400VAC±10%			
	Grid Frequency	45~65Hz			
	Power Factor	≥0.99			
	Harmonic Curent	≤5%			
Output Parameters	Output Voltage	DC 200～1000V			
	System Efficiency	≥96%，at half load and above			
	Standby Power	≤100W			
	Number of Output Ports	2-10 guns, supports two ultra-fast charging ports	2-12 guns,supports two ultra-fast charging ports	2-16 guns, with two-port ultra-fast charging support	
	Maximum Output Current of the whole(A)	2000	2400	2667	3200
	Terminal Output Current	Fast charging single-gun terminal：250A Ultra-fast charging single-gun :600A Fast charging dual-gun terminal：250A*2~300A*2			
Operating Environment	Operating	-30°C~+70°C（derated output above 55°C）			
	Storage Temperature	-40°C～+75°C			
	Operating Humidity	5%-95%，no condensation			
	Altitude	≤2000m，output derated above 2000m			
	Noise	≤75dB （1m away from the cabinet）			
Safety Protection	Protection Functions	Input over-voltage and under-voltage protection, output over-voltage protection, output overcurrent protection, short-circuit protection, battery reverse connection protection, insulation protection, access control protection, BMS data anomaly protection, emergency stop protection, electromagnetic lock anomaly protection, abnormal gun disconnection protection, lightning protection, tilt alarm protection (optional), water immersion alarm protection (optional)			
	Protection Class	IP55			
	Dust Protection	G3-level dust filter			
Monitoring Communication	OCPP	OCPP 1.6J or OCPP2.0			
	Remote	Ethernet, 4G module, Wi-Fi, Bluetooth			
	HMI	10.1-inch touch color screen (with a peak brightness of 900 nits)			
Cooling Method		Main Unit: Forced air-cooled; Terminal: Forced air-cooled/Liquid cooled			
Startup Method		Password, QR code scanning, card swiping, VIN code，plug-and-charge			
Appearance Structure	Dimensions (W×D×H)	Charging main unit dimensions：1500*850*1900mm			
		Fast charging single/double-gun terminal：400*240*1350mm ultra-fast charging single gun terminal：500*300*1600mm			

600-960kW

SPLIT-TYPE DC CHARGER (FULLY LIQUID-COOLED)

Charging Assurance

- Multiple safety protection functions ensure charging safety
- Module potting design extends product durability

High - efficiency Compatibility

- The screen automatically turns off in standbymode, with a peak brightness of 900 nits
- Enables remote fault diagnosis, debugging, and OTA upgrades

Smart Charging

- Supports 4G/Wi-Fi/Bluetooth/Ethernet networking
- Supports card swiping, QR code scanning, PIN entry, and plug-and-charge functionality

Item		Specification Description			
System Power		600kW	720kW	800kW	960kW
Input Parameters	Input System	Three-phase five-wire system (3P+N+PE)			
	Rated Voltage	400VAC±10%			
	Grid Frequency	45~65Hz			
	Power Factor	≥0.99			
	Harmonic Current	≤5%			
Output Parameters	Output Voltage	DC 200～1000V			
	System Efficiency	≥96%， at half load and above			
	Standby Power	≤100W			
	Number of Output Ports	2-10 guns, with two-port ultra-charging support Ports	2-12 guns, with two-port ultra-charging support	2-16 guns, with two-port ultra-charging support	
	Maximum Output Current of the whole(A)	2000	2400	2667	3200
	Terminal Output Current	Fast charging single-gun terminal：250A Ultra-fast charging single-gun terminal: 600A Fast charging dual-gun terminal：250A*2～300A*2 Customized terminal：800A			
Operating Environment	Operating	-30°C~+70°C（derated output above 55°C）			
	Storage Temperature	-40°C～+75°C			
	Operating Humidity	5%-95%，no condensation			
	Altitude	≤2000m，output derated above 2000m			
	Noise	≤65dB （1m away from the cabinet）			
Safety Protection	Protection Functions	Input over-voltage and under-voltage protection, output over-voltage protection, output overcurrent protection, short-circuit protection, battery reverse connection protection, insulation protection, access control protection, BMS data anomaly protection, emergency stop protection, electromagnetic lock anomaly protection, abnormal gun disconnection protection, lightning protection, tilt alarm protection (optional), water immersion alarm protection (optional)			
	Protection Class	Power distribution cabinet IP65, heat exchange cabinet IP54			
	Dust Protection	G3-level dust filter			
Monitoring Communication	OCPP	OCPP 1.6J or OCPP2.0			
	Remote	Ethernet, 4G module (free data provided during warranty period), Wi-Fi, Bluetooth			
	HMI	10.1-inch touch color screen (with a peak brightness of 900 nits)			
Cooling Method		Main unit: Liquid-cooled, Terminal: Forced-air / liquid-cooled			
Startup Method		Password, QR code scanning, card swiping, VIN code，plug-and-charge			
Appearance Structure	Dimensions (W×D×H)	Charging main unit dimensions：1900*1000*2300mm			
		Fast charging single/double-gun terminal：400*240*1350mm ultra-fast charging single gun Terminal：500*300*1600mm			

20-40kW
WALL-MOUNTED DC CHARGER

Charging Assurance
- Multiple safety protection functions ensure charging safety
- Module potting design extends product durability

High - efficiency Compatibility
- The screen automatically turns off in standbymode, with a peak brightness of 900 nits
- Enables remote fault diagnosis, debugging, and OTA upgrades

Smart Charging
- Supports 4G/Wi-Fi/Bluetooth/Ethernet networking
- Supports card swiping, QR code scanning, PIN entry, and plug-and -charge functionality

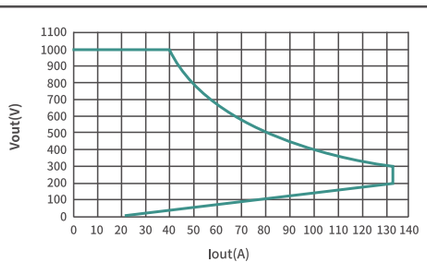
Item		Specification Description		
System Power		20kW	30kW	40kW
Input Parameters	Input System	Three-phase five-wire system (3P+N+PE)		
	Rated Voltage	400VAC±10%		
	Grid Frequency	45~65Hz		
	Power Factor	≥0.99		
Output Parameters	Output Voltage	DC 200～1000V		
	Constant Power Range	DC 300～1000V		
	System Efficiency	≥96%		
	Output Channels	single		
	Charging Interfaces	CCS2		
	Gun Cable Length	5m(Length: Customizable)		
	Maximum Output Current	67	100	133
	Maximum Output Current	67	100	133
Operating Environment	Operating Temperature	-30°C~+70°C（derated output above 55°C）		
	Storage Temperature	-40°C～+75°C		
	Operating Humidity	5%-95%, no condensation		
	Altitude	⩽2000m, output derated above 2000m		
	Noise	⩽65dB（1m away from the cabinet）		
Safety Protection	Protection Functions	Protection FunctionsInput over-voltage and under-voltage protection, Output overvoltage protection, Output overcurrent protection, Short-circuit protection, Battery reverse connection protection, Insulation protection, Access control protection, BMS data anomaly protection, Emergency stop protection, Electromagnetic lock anomaly protection, Abnormal gun disconnection protection, Lightning protection, Tilt alarm protection (optional), Water immersion alarm protection (optional)		
	Protection Class	IP55		
	Dust Protection	G3-level dust filter		
Monitoring Communication	OCPP	OCPP 1.6J or OCPP2.0		
	Remote Communication	Ethernet, 4G modules		
	Human-Machine Interaction	10.1-inch color high-definition touchscreen		
	Vehicle-Charger	PLC（DIN70121、ISO15118）		
Startup Method		Password, QR Code Scanning, IC Card, Credit Card, Bank Card, Etc		
Appearance structure	Dimensions (W×D×H)	600*300*800mm		
	Weight (kg)	60 kg	65kg	75kg
	Maintenance and installation	Front access door maintenance, supports close-to-wall installation		
	Certification Mark	CE		

30/40kW EV CHARGING
LIQUID COOLING POWER MODULE

High Efficiency & Energy Savings
SIC power device platform, featuring high efficiency and high power density

Zero Noise
Fully liquid-cooled, fanless design ensures completely silent operation

Safe and reliable
The module features an IP50 protection rating and employs highly efficient full liquid cooling technology, delivering outstanding thermal performance, robust system stability, and high reliability

Item		Specification Description	
System Power		40kW	30kW
AC Input	Connection type	U/V/W+PE	
	Input voltage-rated	400Vac/480Vac	
	Input voltage	260~530Vac	
	Input frequency	50Hz/60Hz	
	Rated power	40kW	30kW
	Input current	⩽76A	⩽63A
	Power factor	≥0.99 Maximum value	
	THDi	⩽5%	
	Max.efficiency	≥96.5%	
DC Output	Output Voltage range	150~1000Vdc	
	Output current	⩽133.4A	⩽120A
	Output current accuracy	⩽±1.0%	
	Output voltage accuracy	⩽±0.5%	
Ambient Conditions	Operating Temp.range	-40°C～+60°C,w/o derating Stop operation at 75°C)	
	Operating humidity	0-95%	
	Operating altitude	⩽2000m	
Mechanical Data	Dimension(W*D*H)	370*542.5*73mm	
	Degree of protection	IP50	
	Cooling method	Liquid cooling	
	Coolant	50% glycol-water	
	Flux	6~12L/min	
	Pressure loss	0.5MPa	
	Weight	27kg	
Communication and Protection	Communication	CAN 2.0	
	LED status indication	Run/Fault/Protection	
	Input circuit protection	Built-in SPD,Fuse,Varistor	
	Output circuit protection	External fuse	
	Certification	CE	
Output U/I curve			

40kW EV CHARGING
POWER MODULE

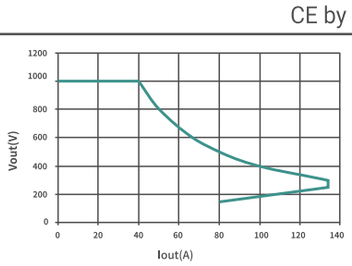
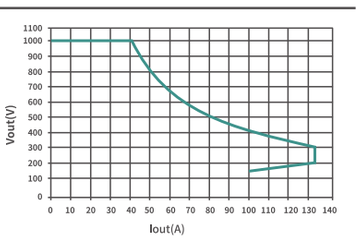
EVR1000-40000C(E)

EVR1000

High Efficiency & Energy Savings
Ultra-high efficiency with ultra-low standby power consumption, minimizing energy waste.

Low Noise
Ideal for noise-sensitive environments like residential areas and indoor parking lots, enhancing the user charging experience.

Safe and reliable
Features a fully potted design for superior heat dissipation, high reliability, extended lifespan, and significantly improved protection against salt spray and mold.

Item		Specification Description	
Product Model		EVR1000-40000D(E)	EVR1000-40000C(E)
System Power		40kW	40kW
AC Input	Connection type	U/V/W+PE	
	Input voltage-rated	380Vac	
	Input voltage range	270~530Vac	260~528Vac
	Input frequency	45Hz~65Hz	
	Constant power	40kW	40kW
	Max.power factor	≥0.99	
	THDi	≤5%	
	Max.efficiency	≥96.5%	
DC Output	Output Voltage range	150~1000Vdc	
	Output current	133.3A,see U/I curve	100A,see U/I curve
	Output current accuracy	≤±1.0%	
	Output voltage accuracy	≤±0.5%	
Ambient Conditions	Operating Temp.range	-40°C～+55°C,w/o derating; +55～+75°C,derating	
	Operating humidity	0-95%	
	Operating altitude	≤2000m	
Mechanical Data	Dimension(W*D*H)	248*461.2*110mm	300*437.5*84mm
	Degree of protection	IP20	
	Cooling method	Forced air cooling	
	Noise level	≤65dB	
	Weight	17kg	
Standard and Compliance	Communication	CAN 2.0	
	Input circuit protection	Built-in SPD,Fuse,Varistor	
	Output circuit protection	External fuse	
	LVD	EN61851-1 EN61851-23	
	EMC	EN61000-6-1,EN61000-6-3,ClassB	
	Certification	CE by TÜV SÜD	
Output U/I curve			

30/20kW EV CHARGING
POWER MODULE

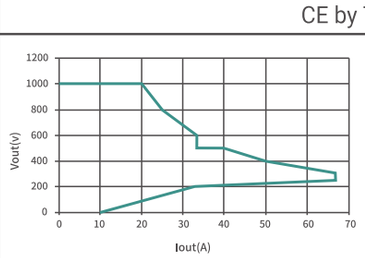
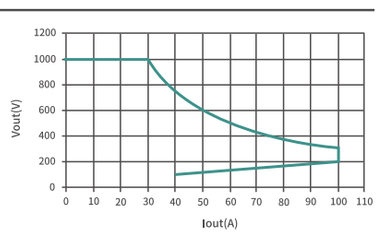
EVR1000-30000E

EVR1000-200

High Efficiency & Energy Savings
Ultra-high efficiency with ultra-low standby power consumption, minimizing energy waste.

High Adaptability
Wide operating temperature range for demanding environments

Safe and reliable
Features a fully potted design for superior heat dissipation, high reliability, extended lifespan, and significantly improved protection against salt spray and mold.

Item		Specification Description	
Product Model		EVR1000-20000E	EVR1000-30000E
System Power		20kW	30kW
AC Input	Connection type	U/V/W+PE	
	Input voltage-rated	400Vac	
	Input voltage range	260~490Vac	270~520Vac
	Input frequency	50Hz/60Hz	45Hz~65Hz
	Constant power	20kW	30kW
	Max.power factor	≥0.99	
	THDi	≤5%	
	Max.efficiency	≥95%	≥96.5%
DC Output	Output Voltage range	150~1000Vdc	
	Output current	≤66.7A,see U/I curve	≤100A,see U/I curve
	Output current accuracy	≤±1.0%	
	Output voltage accuracy	≤±0.5%	
Ambient Conditions	Operating Temp.range	-40°C～+55°C,w/o derating; +55～+70°C,derating	
	Operating humidity	0-95%	
	Operating altitude	≤2000m	
Mechanical Data	Dimension(W*D*H)	248*487.2*84mm	248*461.2*84mm
	Degree of protection	IP20	
	Cooling method	Forced air cooling	
	Noise level	≤65dB	
	Weight	10kg	15kg
Standard and Compliance	Communication	CAN 2.0	
	Input circuit protection	Built-in SPD,Fuse,Varistor	
	Output circuit protection	External fuse	
	EMC	EN61851-1 EN61851-23	
	LVD	EN61000-6-1,EN61000-6-3,ClassB	
	Certification	CE by TÜV SÜD	
Output U/I curve			

3.5/6.5/10/20kW

POWER MODULE FOR INDUSTRIAL VEHICLE CHARGING

High Power Density

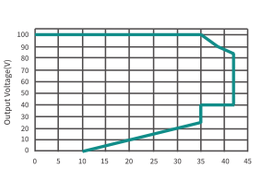
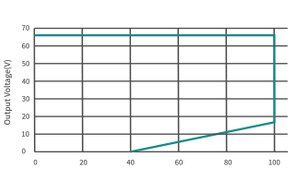
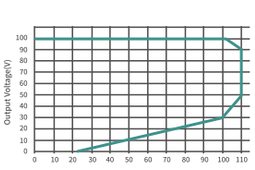
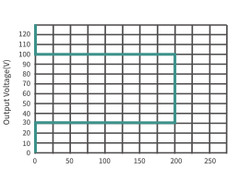
Saves customer space and reduces system costs

High Adaptability

Wide operating temperature range for demanding environments

Safe and reliable

Features a fully potted design for superior heat dissipation, high reliability, extended lifespan, and significantly improved protection against salt spray and mold.

Item		Specification Description			
System Power		3.5kW	6.5kW	10kW	20kW
DC Outpu	Output voltage range	≤42A,see U/I curve	≤100A,see U/I curve	≤100A,see U/I curve	≤200A,see U/I curve
	Rated output voltage	100Vdc			
	Output voltage range	30~100Vdc	16~65Vdc	30~100Vdc	30~100Vdc
	Output voltage control accuracy	≤±0.5%			
	Output currrent control accuracy	≤±1.0%			
	Efficiency	≥93%	≥94%	≥95.5%	≥94.5%
AC Input	Grid connectiion	L,N,PE	L1/L2/L3, PE	U,V,W,PE	U,V,W,PE
	Input voltage-rated	380/480Vac			
	Input voltage-range	85~400Vac	260~530Vac	260~530Vac	323~530Vac
	Input current	≤25A	≤13A	≤18A	≤40A
	Input frequency range	45~65Hz			
	Power factor	≥0.99			
	THDi	≤5%			
Environment	Operating temp.range	-40°C～+45°C, w/o derating; +45～75°C,derating	-40°C～+60°C, w/o derating; +60～75°C,derating	-40°C～+50°C, w/o derating; +50～80°C,derating	-40°C～+55°C, w/o derating; +55～75°C,derating
	Operating humidity range	0~95%			
	Operating altitude range	0~2000m			
Mechanical Data	Dimension(W*D*H)	125*41*303mm	245*85*385.5mm	240*85*385.5mm	389.2*85*289mm
	Weight	2kg	7kg	7kg	11kg
	Communication	CAN			
	Certification	CE			
Output U/I curve		 3.5kW	 6.5kW	 10kW	 20kW

100kW / 215kWh - 1000kW / 1075kWh

MOBILE ENERGY STORAGE SYSTEM

SOET MobileESS DATASHEET




	MobileESS 100-215-PRO	MobileESS 215-215	MobileESS 430-430	MobileESS 860-860	MobileESS 1K-1K
GENERAL					
CONFIGURATION	100 kW / 215 kWh	215 kW / 215 kWh	430 kW / 430 kWh	860 kW / 860 kWh	1000 kW / 1075 kWh
DIMENSIONS (LWH)	2130 X 1450 X 1900 mm	2400 X 2150 X2200 mm	STANDARD: 2991 X 2438 X 2896 mm MINI: 3000 X 2250 X 2400 mm	5800 X 2250 X 2250 mm	5800 X 2250 X 2250 mm
WEIGHT	3.4 TONS	5.4 TONS	STANDARD: 9.8 TONS / MINI 9.5 TONS	17 TONS	20 TONS
CONTAINER TYPE	OUTDOOR CABINET		10FT CONTAINER	20FT CONTAINER	
OPERATING AMBIENT TEMPERATURE	GLOBAL: -30℃ ~ +50℃, MIDDLE EAST: 0℃ ~ +55℃		GLOBAL: -30℃ ~ +55℃ , MIDDLE EAST: 0℃ ~ +60℃		
ACOUSTIC LEVEL AT 1.5M	< 80 dB		<85 dB		
HUMIDITY	0% to 95% (NO CONDENSATION)				
INGRESS PROTECTION / ANTICORROSION	IP55 / C3				
FIRE SUPPRESSION SYSTEM	AEROSOL				
OUPUT ISOLATION	ISOLATION TRANSFORMER				
COMMUNICATION INTERFACE	ETHERNET, RS485				
INPUT/ OUTPUT CONNECTION ( )	COPPER BUSBAR				
COMPLIANT WITH	CE, SAFETY : EN624777-1, EMC : IEC 61000-6-2, IEC61000-6-4 , BATTERY: IEC 62619, IEC 62933; PGS37, CATL CELL : UL1973, UL9540A, CE (IEC62619)				
EXPECTED LIFETIME	> 10 YEARS				
AC POWER					
RATED AC POWER	100 kW	215 kW	430 kW	860 kW	1000 kW
POWERBOOST PEAK POWER (@60 SEC)	200 kW	250 kW	500 kW	1000 kW	1200 kW
POWERBOOST PEAK POWER (@10 SEC)	200 kW	300 kW	600 kW	1200 kW	1200 kW
INPUT/ OUTPUT RATED VOLTAGE	400 Vac @ 3 PHASES 3L/N/PE				
INPUT/OUTPUT FREQUENCY	50 Hz ± 2.5 Hz	50/60 Hz ± 2.5 Hz			
BATTERY					
BATTERY CELL TYPE	CATL LFP 285 Ah				
RATED ENERGY STORAGE CAPACITY ( )	215 kWh	215 kWh	430 kWh	860kWh	1075kWh
DEPTH OF DISCHARGE (DoD) ( )	90%	90 % / 80 %			
MAX CHARGING RATE / RATED DISCHARGE RATE	0.5C / 0.5C	1C / 1C			
EXPECTED LIFECYCLES ( )	8000 CYCLES				
THERMAL MANAGEMENT (BATTERY SYSTEM) ( )	LIQUID COOLING				
OPTIONAL FEATURES					
MATRIXPOWER SCALABLE OUTPUT (UP TO)	400 kW - 4 UNITS	860 kW - 4 UNITS	1.7 MW - 4 UNITS	1.7 MW - 2 UNITS	1.7 MW - 2 UNITS
RARNGE-EXTENDED SERIAL CHARGING POWER ( )	30 kW	60 kW	90 kW	180 kW	180 kW
SMARTGENSET ( ) (BUILT-IN SMART DIESEL GENERATOR MANAGEMENT SYSTEM)	YES, adopt to DeepSea, ComAp, SmartGen etc.				
PREMIUM INPUT/OUTPUT CONNECTION ( )	POWERLOCK (MAX 400 A), CEE FORM CONNECTOR (16 A / 32 A / 63 A)		POWERLOCK (MAX 800 A), CEE FORM CONNECTOR (16 A / 63 A)	POWERLOCK (MAX 1600 A), CEE FORM CONNECTOR (16 A / 63 A)	
BUILT-IN / ADD-ON FAST EV CHARGER	40 kW / 80 kW CCS2	40 kW / 80 kW CCS2	180kW / 240 kW CCS2	240 kW / 360 kW CCS2	240 kW / 360 kW CCS2
INPUT BY EV CHARGER	30 kW CCS2	-	-	-	-
IOT / GPS / AI Watt CLOUD ( )	4G / YES / YES				
PREMIUM ANTICORROSION ( )	C4				

(1) The standard input/ output connection type is the copper busbar. If the Buyer select the premium opiontal connection with powerlock, the copper busbar have to be replaced by the powerlock. | (2) The rated energy of battery is the output from DC side. | (3) DoD 90% is intended for regular load applications, while DoD 80% is suitable for inductive load applications such as tower cranes, pumps, motor, and similar equipment. | (4) One cycle is defined as a round trip with full charge and full discharge. The expected lifecycles refer to the lifespan of the battery cell as designed by the manufacturer, not EJT's warranty cycles. | (5) Coolant type: EUROPE: PROPYLENE GLYCOL, MIDDLE EAST / SINGAPORE: ETHYLENE GLYCOL. | (6) Before selecting this feature, buyers need to calculate the daily energy consumption of their site and the daily energy generation based on the input power. | (7) SMARTGENSET is EJT's proprietary technology designed for smart hybrid control with diesel generators. Users should utilize the synchronized models of diesel generators equipped with Deepsea 8610/8620, Comap IG 200/500 G2 /1000 /2000/ NTC BB, and specific models from SmartGen. If the buyer cannot commission the diesel generator controller themselves, they should contact the brand owner for onsite support. | (8) For the IoT device, MobileESS offers 4G device selected by the EJT, along with specific years of complimentary service on the Supplier's standard AI Watt Cloud and app, which is designed and implemented by EJT and complies with European regulations. Since laws differ by country, GPS is not a mandatory feature and, if necessary, should be discussed separately with EJT. | (11) For C4, the HHS Salt Mist HEPA/EPA Filter is an additional spare part that needs to be replaced every 1 to 6 months, depending on actual conditions.

CORE PARTS - INHOUSE

POWER CONVERSION SYSTEM

Rated power 105kW
Designed to mobility, off-grid, on-grid
CE, EN50549-1, VDE4105/4110, G99,
Scalable connection up to 1.7MW

AI Watt

The AI Watt is a cloud-based portal that connects to SOET MobileESS units, providing transparent access to operational data anytime, anywhere. This transparency improves understanding of site conditions, ensuring a continuous energy supply and enabling users to make informed decisions that enhance productivity and efficiency..

BATTERY MODULE

Rated capacity 43kWh by CATL / Ampace cell
Designed to mobility, off-grid, on-grid
CE, Charging/Discharging rate 1C (1Hr),
Liquid cooling, IP67

Mobile Solar Power Container

Foldable, plug-n-play photovoltaic array, AC output
20kW / 40kW/ 80kW / 100kW / 200kW
10ft / 20ft / 40ft container

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