ELECTRIFICATION SOLUTIONS
PRODUCT CATALOGUE

Green Energy, Brighter Tomorrow

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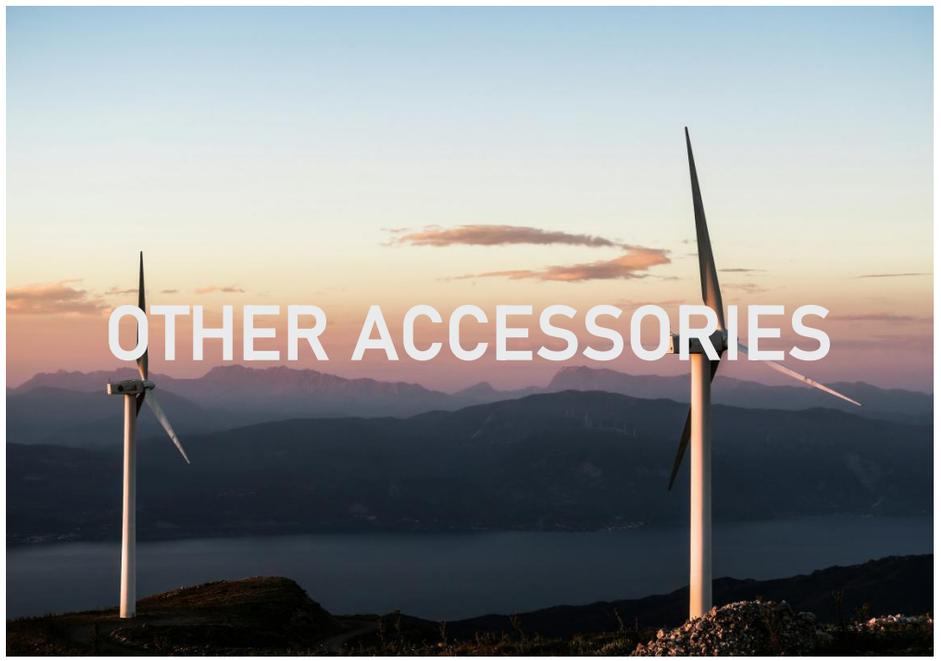
BATTERY CELLS & PACKS

CHARGING STATIONS & COMPONENTS

ENERGY STORAGE SYSTEMS


OTHER ACCESSORIES

Part 01

BATTERY CELLS & PACKS

Model	Nominal Voltage (V)	Capacity (mAh)	Dimension(mm)		Nominal Charging Current (mA)	Nominal Discharging Current (mA)	Max. Discharging Current (mA)	Weight (g)	Cycle life DOD 80% (times)
			Diameter	Height					
IFR10130	3.2	30	10.3	13.2	6	6	90	5	⩾2000
IFR10440	3.2	200	10.3	44.2	40	40	600	7	⩾2000
IFR14400	3.2	380	14.4	40.2	76	76	1140	13	⩾2000
IFR14430J	3.2	250	14.2	43.3	50	50	750	11	⩾2000
IFR14430J	3.2	300	14.2	43.3	60	60	900	12	⩾2000
IFR14430J	3.2	400	14.2	43.3	80	80	1200	13	⩾2000
IFR14500	3.2	250	14.4	50.9	50	50	750	14	⩾2000
IFR14500J	3.2	300	14.4	50.9	60	60	900	15	⩾2000
IFR14500J	3.2	400	14.4	50.9	80	80	1200	15.5	⩾2000
IFR14500	3.2	500	14.2	50.2	100	100	1500	16	⩾2000
IFR14500J	3.2	500	14.4	50.9	100	100	1500	16.8	⩾2000
IFR14500	3.2	550	14.2	50.2	110	110	1650	16.4	⩾2000
IFR14500J	3.2	550	14.4	50.9	110	110	1650	17	⩾2000
IFR14500	3.2	600	14.2	50.2	120	120	1800	18	⩾2000

Model	Nominal Voltage (V)	Capacity (mAh)	Dimension(mm)		Nominal Charging Current (mA)	Nominal Discharging Current (mA)	Max. Discharging Current (mA)	Weight (g)	Cycle life DOD 80% (times)
			Diameter	Height					
IFR14500J	3.2	600	14.4	50.9	120	120	1800	18.3	⩾2000
IFR15266J	3.2	220	15.5	26.5	44	44	660	12	⩾2000
IFR14650	3.2	800	14.2	65.3	160	160	2400	21	⩾2000
IFR16340	3.2	400	16.2	34.2	80	80	1200	13.5	⩾2000
IFR16340J	3.2	400	16.4	34.4	80	80	1200	15	⩾2000
IFR17335J	3.2	400	16.8	34.5	80	80	1200	15.8	⩾2000
IFR18470J	3.2	850	18.1	47.1	170	170	2550	19	⩾2000
IFR18490	3.2	650	18.1	49.1	130	130	1950	21	⩾2000
IFR18490	3.2	850	18.1	49.1	170	170	2550	24	⩾2000
IFR18490	3.2	1000	18.1	49.1	200	200	3000	27	⩾2000
IFR18500J	3.2	650	18.1	50.2	130	130	1950	26	⩾2000
IFR18500J	3.2	850	18.1	50.2	170	170	2550	29.6	⩾2000
IFR18500	3.2	1000	18.1	50.2	200	200	3000	34	⩾2000
IFR18650	3.2	1400	18.5	65.3	280	280	4200	42	⩾2000

Model	Nominal Voltage (V)	Capacity (mAh)	Dimension(mm)		Nominal Charging Current (mA)	Nominal Discharging Current (mA)	Max. Discharging Current (mA)	Weight (g)	Cycle life DOD 80% (times)
			Diameter	Height					
IFR18650	3.2	1500	18.5	65.3	300	300	4500	42	⩾2000
IFR22430	3.2	1200	22.5	43.3	240	240	3600	47	⩾2000
IFR22650	3.2	1800	22.5	65.3	360	360	5400	60	⩾2000
IFR22650	3.2	1900	22.5	65.3	380	380	5700	62	⩾2000
IFR22650	3.2	2000	22.5	65.3	400	400	6000	63	⩾2000
IFR26430	3.2	1600	26.5	43.3	320	320	4800	50	⩾2000
IFR26430	3.2	1800	26.5	43.3	360	360	5400	54	⩾2000
IFR26430	3.2	2000	26.5	43.3	400	400	6000	56	⩾2000
IFR26500	3.2	2100	26.5	50.3	420	420	6300	56	⩾2000
IFR26500	3.2	2200	26.5	50.3	440	440	6600	58	⩾2000
IFR26650	3.2	2900	26.5	65.3	580	580	8700	83	⩾2000
IFR26650	3.2	3000	26.5	65.3	600	600	9000	85	⩾2000
IFR26650	3.2	3100	26.5	65.3	620	620	9300	86	⩾2000
IFR26650	3.2	3200	26.5	65.3	640	640	9600	88	⩾2000

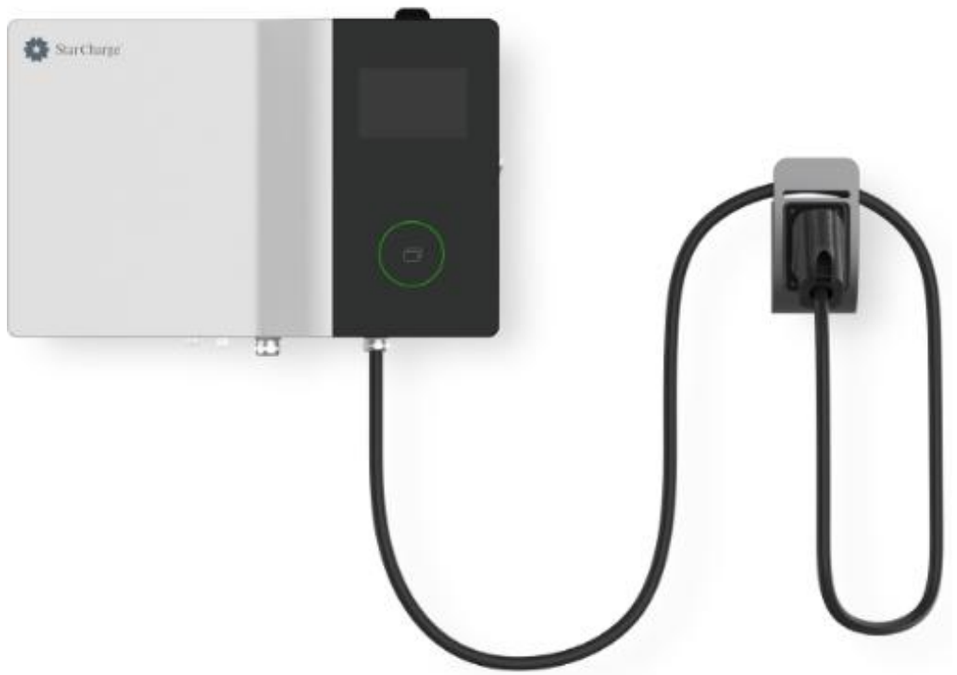
Model	Nominal Voltage (V)	Capacity (mAh)	Dimension(mm)		Nominal Charging Current (mA)	Nominal Discharging Current (mA)	Max. Discharging Current (mA)	Weight (g)	Cycle life DOD 80% (times)
			Diameter	Height					
IFR32600	3.2	3500	32.5	60.5	700	700	10500	125	⩾2000
IFR32600	3.2	4000	32.5	60.5	800	800	12000	129	⩾2000
IFR32650	3.2	4500	32.3	65.2	900	900	13500	138	⩾2000
IFR32900	3.2	4500	32.5	90.5	900	900	13500	170	⩾2000
IFR26430	3.2	1800	26.5	43.3	360	360	5400	54	⩾2000
IFR26430	3.2	2000	26.5	43.3	400	400	6000	56	⩾2000
IFR26500	3.2	2100	26.5	50.3	420	420	6300	56	⩾2000
IFR26500	3.2	2200	26.5	50.3	440	440	6600	58	⩾2000
IFR26650	3.2	2900	26.5	65.3	580	580	8700	83	⩾2000
IFR26650	3.2	3000	26.5	65.3	600	600	9000	85	⩾2000
IFR26650	3.2	3100	26.5	65.3	620	620	9300	86	⩾2000
IFR26650	3.2	3200	26.5	65.3	640	640	9600	88	⩾2000
IFR26650	3.2	3400	26.5	65.3	680	380	10200	90	⩾2000
IFR32600	3.2	3500	32.5	60.5	700	700	10500	125	⩾2000

Model	Nominal Voltage (V)	Capacity (mAh)	Dimension(mm)		Nominal Charging Current (mA)	Nominal Discharging Current (mA)	Max. Discharging Current (mA)	Weight (g)	Cycle life DOD 80% (times)
			Diameter	Height					
IFR32600	3.2	4000	32.5	60.5	800	800	12000	129	⩾2000
IFR32650	3.2	4500	32.3	65.2	900	900	13500	138	⩾2000
IFR32900	3.2	4500	32.5	90.5	900	900	13500	170	⩾2000
IFR32900	3.2	5000	32.5	90.5	1000	1000	15000	170	⩾2000
IFR32900	3.2	5500	32.5	90.5	1100	1100	16500	54	⩾2000
IFR42110	3.2	10000	42.5	110.5	2000	2000	30000	56	⩾2000
IFR42110	3.2	11000	42.5	110.5	2200	2200	33000	56	⩾2000
IFR42120	3.2	12500	42.5	120.5	2500	2500	37500	58	⩾2000
IFR42120	3.2	13000	42.5	120.5	2600	2600	39000	83	⩾2000
IFR61300	3.2	50000	61	300	10000	10000	50000	85	⩾2000
IFR73435	3.2	100000	73	435	20000	50000	100000	86	⩾2000

Model	Nominal Voltage (V)	Capacity (Ah)@0.2C	Max. Current		IR (mΩ)	Weight (g)	Cycle (times)	Temp.	
			Charge	Discharge				Charge	Discharge
AA050(LFP)	3.2	50	2C	3C	0.8	1.15	4000	0~55℃	-20~60℃
AA060(LFP)	3.2	60	2C	3C	0.6	1.25	4000	0~55℃	-20~60℃
BAKCBBK100	3.2	100	1.5C	2C	0.6	2.08	4000	0~55℃	-20~60℃
BAKCBBL150	3.2	150	1.5C	2C	0.6	3.05	4000	0~55℃	-40~60℃
DA157(LFP)	3.2	157	1.5C	2C	0.6	3.04	6000	0~55℃	-20~60℃
EA100(LFP)	3.2	100	1.5C	2C	0.6	2.08	4000	0~55℃	-20~60℃
GA280(LFP)	3.2	280	1.5C	1.5C	0.25	5.40	8000	0~55℃	-40~60℃
GE314(LFP)	3.2	280	1.5C	1.5C	0.25	5.49	8000	0~55℃	-20~60℃
AL045(Na+)	3.0	45	6C	8C	0.8	1.08	2000	0~55℃	-40~60℃
EL085(Na+)	3.0	85	6C	8C	0.6	2.01	2000	0~55℃	-40~60℃
GL230(Na+)	3.0	230	3C	5C	0.5	4.92	2000	0~55℃	-40~60℃
BR100(LMFP)	3.65	100	1.5C	3C	0.6	1.85	2500	0~55℃	-20~60℃
GR320(LMFP)	3.65	320	1.0C	1.5C	0.4	5.60	3000	0~55℃	-20~60℃

Part 02

CHARGING STATIONS & COMPONENTS



Model	Venus--DC Charger 30 kW
Input Current Rating	AC 50A
Power Factor	≥0.99 @ Full Load
Efficiency	95%
Grid Type	TN-S, TN-C, TN-C-S, TT
Output Interface	1*CCS2
Output Power	320kW max.
Output Voltage	200-1000Vdc
Output Current	100A max.
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118
IP Rating	IP55
IK Rating	IK10 (Screen is IK08)
Cooling	Forced Air
Charging Cable Length	5m
Dimensions (WxHxD)	680*440*280mm
Weight	Approx. 35kg (excluding power modules)

Model	Athena 60 TR25--DC Fast Charger
Input Current Rating	AC 90A
Power Factor	≥0.98 @ Full Load
Efficiency	95%
Grid Type	TN-S, TN-C-S, TT, IT
Output Interface	2*CCS2
Output Power	60kW max.
Output Voltage	150-1000Vdc
Output Current	200A max./connector
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118
IP Rating	IP55
IK Rating	IK10
Operating Temperature	-30~55℃ (＞50℃ derating)
Charging Cable Length	4.5m
Dimensions (WxHxD)	750*750*310mm (excluding cable management system) Pole: 240*740*180mm
Weight	Approx. 120kg Cable Management system approx. 35kg

Model	Athena 60 KC--DC Fast Charger
Input Current Rating	AC 90A
Power Factor	⩾0.99 @ Full Load
Efficiency	95%
Grid Type	TN-S, TN-C-S, TT, IT
Output Interface	2*CCS1
Output Power	60kW max.
Output Voltage	150-1000Vdc
Output Current	200A max./connector
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118
IP Rating	IP55
IK Rating	IK10
Operating Temperature	-30~55℃ (＞50℃ derating)
Charging Cable Length	4.5m
Dimensions (WxHxD)	750*750*310mm (excluding cable management system) Pole: 240*740*180mm
Weight	Approx. 120kg Cable Management system approx. 35kg

Model	Athena 60 Pro--DC Fast Charger
Input Current Rating	AC 90A
Power Factor	≥0.99 @ Full Load
Efficiency	95%
Grid Type	TN-S, TN-C-S, TT, IT
Output Interface	CCS2+CCS2/ CCS2+CHAdeMO
Output Power	60kW max.
Output Voltage	CCS2: 150-1000Vdc CHAdeMO: 150-500Vdc
Output Current	CCS2: 200A max./connector, CHAdeMO: 125A max./connector
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118
IP Rating	IP55
IK Rating	IK10
Operating Temperature	-30~55℃ (＞50℃ derating)
Charging Cable Length	4.5m
Dimensions (WxHxD)	750*750*310mm (excluding cable management system) Pole: 240*740*180mm
Weight	Approx. 125kgg (including power modules) Cable Management system approx. 35k

Model	T Series--DC Fast Charger
Input Voltage	400V±15%/440V±10%/480V±10%
Power Factor	⩾0.99
Efficiency	⩾94%
Grid Type	TN-S
Output Interface	CCS2+CCS2/ CCS2+CHAdeMO
Power	60kW-120kW
Rated Voltage	CHAdeMO:500Vdc CCS1/CCS2:1000Vdc GBT:1000Vdc
Output Current	CCS1/CCS2: 400A max. CHAdeMO: 125A GBT 250A
Protocol(EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN70121/DIN70122/ISO15118
IP Rating	IP55
Operating Temperature	-30~50℃
Cooling	Forced Air Cooling
Dimensions (WxHxD)	1006*640*1890mm

Model	S Series--Advertising DC EV Charger
Input Voltage	400V±15%/440V±10%/480V±10%
Power Factor	⩾0.99
Efficiency	⩾94%
Grid Type	TN-S
Advertising Screen	55"LCD
Power	40kW-160kW
Rated Voltage	CHAdeMO:500Vdc CCS1/CCS2:1000Vdc GBT:1000Vdc
Output Current	CHAdeMO: 125A CCS1/CCS2: 400A max. GBT:250A
Protocol(EVSE&Backend)	OCPP 1.6J
IP Rating	IP54
Operating Temperature	-30~50℃
Cooling Method	Forced Air Cooling
Cable Length	Optional:5/7m
Dimensions (WxHxD)	870*610*2037mm

Model	R Series--DC Fast Charger
Input Voltage	400V±15%/440V±10%/480V±10%
Power Factor	⩾0.99
Efficiency	⩾94%
Grid Type	TN-S
Output Interface	CCS2+CCS2/ CCS2+CHAdeMO
Power	60kW/90kW/120kW
Rated Voltage	CHAdeMO:500Vdc CCS1/CCS2:1000Vdc GBT:1000Vdc
Output Current	CCS1/CCS2: 400A max. CHAdeMO: 125A GBT:250A
Protocol(EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN70121/DIN70122/ISO15118
IP Rating	IP54
Operating Temperature	-30~50℃
Cooling Method	Forced Air Cooling
Dimensions (WxHxD)	1006*640*1890mm

Model	Jupiter V3--DC Charger
Input Current Rating	AC 100A
Power Factor	⩾0.98 @ Full Load
Efficiency	95%
Output Power	DC 60kW max. + AC 22kW max.
Output Voltage	CCS2: 200-1000Vdc Type2: 400Vac±10% CHAdeMO: 200Vdc-500Vdc
Output Current	CCS2: 200A max./connector Type2: 32A max CHAdeMO: 125A max./connector
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118
Operating Temperature	-30~50℃
IP Rating	IP55
IK Rating	IK10
Charging Cable Length	5m
Dimensions (WxHxD)	1894x1050x710mm (including cable management system)
Weight	Approx. 200kg (excluding power modules)

Model	DC 180--Fast Charging Station
AC Input Voltage	400Vac±15%
Output Voltage Range	150Vdc-1000Vdc
Total DC Output Power(max.)	120/180kW
IP Rating	IP54
User Interface	10.4" LCD Screen
Dimensions (WxHxD)	700x2050x800mm
Weight	⩽500kg

Model	DC 400--Ultra-fast Charging Station
AC Input Voltage	400Vac±10%(3P+N+PE,50-60Hz)
Output Voltage Range	150Vdc-1000Vdc
Total DC Output Power(max.)	240/280/320/360/400kW
IP Rating	IP54
User Interface	10.1" LCD Screen
Dimensions (WxHxD)	800x1900x650mm
Weight	500kg
Remote Management	Remote access, Diagnostics and Software updates.
Payment Method	POS, NFC & QR Code

Model	DC 800--Super Charging Station
AC Input Voltage	400Vac±15%
Output Voltage Range	150Vdc-1000Vdc
Total DC Output Power(max.)	800kW
IP Rating	IP55
User Interface	10.1" LCD Screen
Dimensions (WxHxD)	700x800x20510mm
Weight	⩽500kg
Remote Management	Remote access, Diagnostics and Software updates.
Payment Method	QR Code, RFID Card, POS

Model	Titan V4--DC All-in-One High Power Charger
Input Current Rating	AC 481A for 320kW output/ AC 421A for 280kW output
Power Factor	⩾0.99 @ Full Load
Efficiency	97%
Output Power	320kW max.(40kW as an increment)
Output Voltage	150-1000Vdc
Output Current	Rating 300A/connector (10 min @ 500A max.)
Protocol (EVSE&Backend)	OCPP 1.6J (OCPP2.0 could be updated further)
Protocol (EVSE&EV)	DIN 70121, ISO 15118
IP Rating	IP55
IK Rating	IK10 (Screen is IK08)
Cooling	Forced Air
Charging Cable Length	Optional:5/6m
Dimensions (WxHxD)	800*2050*750mm 1259*2225*800mm (with cable management system)
Weight	Approx. 410kg (excluding power modules)/ CMS approx. 36kg/ Upper LED (excluding power modules)

Model	Aries V2--Split-type DC Charging System
Input Voltage	230Vac±10%, single-Phase, 50/60 Hz, L+N+PE
Output Interface	CCS2+CCS2
Output Power	720kW max.
Output Voltage	150-1000Vdc
Output Current	Rating 380A/connector (600A max. / connector.)
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118
Operating Temperature	-30~55℃ (Derating from 50℃)
IP Rating	IP55
IK Rating	IK10 (Screen is IK08)
Cooling	Forced Air
Charging Cable Length	Optional:6/10m
Dimensions (WxHxD)	1895*410*378mm
Weight	Approx. 200kg (EVSE with 6m charging cable and CMS

Model	Arc--AC Charger
Charging Mode	Mode 3 (IEC 61851-1)
Input/Output Power&Current	22kW/32A max.
Rating Input/Output Voltage	230Vac±10%, 50Hz, Single phase (L1+N+PE)
Grid Type	TN-S, TN-C-S, TT, IT (L1+L2 230Vac single phase, optional)
Charging Interface	1 x IEC 62196-2 Type 2 socket (Case B)
Protocol (EVSE&Backend)	OCPP 1.6J, OCPP 2.0.1
Protocol (EVSE&EV)	ISO 15118
IP Rating	IP55
IK Rating	IK10
Charging Cable Length	Optional:5/7m
Dimensions (WxHxD)	208*420*150mm (Pole: 120*1280*60mm)
Weight	Approx. 6kg

Model	AC007UK-01 L1--AC EV Charger
Power Input	230Vac1±10%
Grid Frequency	50 Hz / 60 Hz
Output Power	7.4kW max.
Charging Interface	IEC 62196-2 Type 2 socket (Case B)
Output Current	32A max.
Card Reader	ISO/IEC 14443 A/B ISO/IEC 18092 IEC/ISO 15693
Protocol	OCPP 1.6J
Operating Temperature	-30~50℃
IP Rating	IP65
IK Rating	IK08
Cooling	Natural Convection
Dimensions (WxHxD)	205*310*92mm
Weight	4.2kg

Model	Saturn--Dual AC Charger
Power Rating	2* 22kW/2*32A max.
Input Configuration	400Vac±10%, 2*three-phase, 50/60Hz, L1+L2+L3+N+PE
Grid Type	TN-S, TN-C, TN-C-S, TT
Charging Interface	Configuration 01: 2 x IEC 62196-2 Type 2 tethered plug (Case C)
Charging Cable Length	5m
Protocol (EVSE&EV)	Control pilot (default), ISO 15118 (optional)
Protocol(EVSE&Backend)	OCPP 1.6J
Operating Temperature	-25~45℃
IP Rating	IP54@Case B, IP55@Case C
IK Rating	IK10
Cooling	Natural Convection
Dimensions (WxHxD)	395*504*197mm
Weight	11kg (Case B)/16kg (Case C)

Model	ST6900UX-4H--AC Charger
Grid Voltage	3/N/PE, 230V/400V
Nominal Grid Frequency	50Hz/60Hz
Grid Type	TN-S, TN-C, TN-C-S, TT
Max. Input Current	32A
Standby Self-Consumption	＜6.5W
Max. Charging Voltage	230V/400V
Max. Charging Current	32A/ 16A(Configurable)
Communication Protocol	OCPP 1.6J
Operating Temperature	-30~50℃
IP Rating	IP65
IK Rating	IK10
Cooling	Natural Convection
Dimensions (WxHxD)	214*346*125mm
Weight	＜6.65 kg

Model	Telesto--AC Charger 22kW
Power Input	400Vac±10%, 50/60Hz, three-phase
Number of Phase/Wire	L1+L2+L3+N+PE
Internal RCD	Type A 30mA AC + 6mA DC
Output Power	2*22kW max.
Charging Interface	IEC 62196-2 Type 2 socket (Case B)
Output Current	2*32A max.
Card Reader	ISO/IEC 14443 A/B ISO/IEC 18092 IEC/ISO 15693
Protocol	OCPP 1.6J
Operating Temperature	-30~55℃
IP Rating	IP55
IK Rating	IK10
Cooling	Natural Cooling
Dimensions (WxHxD)	472.5*262*1418mm
Weight	＜25kg

Model	Lumina --AC Smart Public Charger
Charging Power	Up to 22kW
Voltage	230/400V (1/3-Phase)
Phase Balancing	Dynamic (1 and 3 Phase)
Load Balancing	Dynamic with Edge Computing
IP Rating	IP54
User Interface	7" LCD Touch Screen
Dimensions (WxHxD)	260*500*199mm
Weight	18kg

Model	NOVA 360--Power Cabinet of Split Type Charging System
Power Input	400Vac±10%, 50/60Hz, 2*(L1+L2+L3+N+PE)
Power Factor	⩾0.99 @ Full Load
Efficiency	95%
Output Power	360kW max.
Output Current	1200A in total, 100A/power module, 500A max./channel
Card Reader	ISO/IEC 14443 A/B ISO/IEC 18092 IEC/ISO 15693
IP Rating	IP55
IK Rating	IK10
Cooling	Forced Air Cooling
Dimensions (WxHxD)	1564*1993*1223mm
Weight	Approx. 655kg (excluding power modules)

Model	NOVA 720--Power Cabinet of Split Type Charging System
Power Input	400Vac±10%, 50/60Hz, 2*(L1+L2+L3+N+PE)
Power Factor	≥0.99 @ Full Load
Efficiency	≥97%
Output Power	720kW max.
Output Current	2400A in total, 600A max./channel
IP Rating	IP55
IK Rating	IK10
Cooling	Dynamic with Edge Computing
Dimensions (WxHxD)	1500*2000*1200mm
Weight	Approx. 655kg (excluding power modules)

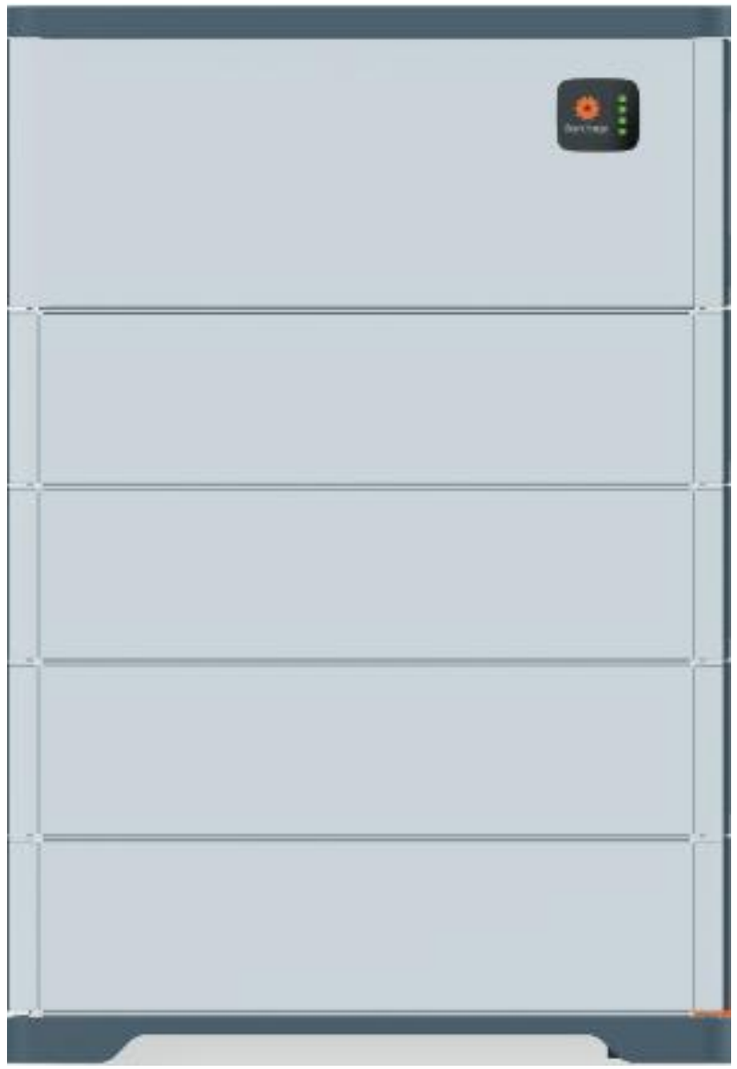
Part 03

ENERGY STORAGE SYSTEM

Model	SC50HV-Power Conversion System
DC Voltage Range	580V-1300 V@50℃/580V–1500V@35℃
Max. DC Power	56kW
AC Output Power	55kVA@45℃/50kVA@50℃
Max. AC current	79.3A
AC Voltage Range	360–440V
Nominal Grid Frequency	50Hz/ 60Hz(±5Hz)
THDi	＜3%
Power Factor	＞0.99
Max. Efficiency	98.6%
IP Rating	IP65
Operating Temperature	-25~60℃(＞50℃ derating)
Operating Altitude	≤4000m(＞3000m derating)
Dimensions (WxHxD)	600*800*278 mm
Weight	70kg

Model	M2L-M143--LFP Li-ion Battery System
Charge&Discharge Rate	⩽1C
Cell Type	LFP 280Ah
Configuration	1P16S
Capacity	280Ah
Nominal Energy	14.3kWh
Charging&Discharging Power	⩽14.3kW
Nominal Voltage	51.2V
Operating Voltage Range	43.2V–58.4V
Dimensions (WxHxD)	455*230*760mm
Weight	105kg

Model	M2L-R372--LFP Li-ion Battery System
Charge&Discharge Rate	≤1C
Cell Type	LFP 280Ah
Configuration	1P416S
Key Component	PACK*26+SG*1
Capacity	280Ah
Nominal Energy	372.7kWh
Charging&Discharging Power	≤372.7kW
Nominal Voltage	1331.2V
Operating Voltage Range	1123.2V–1497.6V
Dimensions (WxHxD)	455*230*760mm



Model	vLight--PV-Coupled Residential Battery System
Max. PV Input Voltage	1000 Vdc
Max. PV Input Current	27A
Max. Short Circuit Current-Isc	36A
Output Voltage (Inverter Port)	360Vdc-900Vdc
Max. Continuous Output Current	27Adc
No. of Battery Modules	2
Operating Voltage Range	108.0Vdc-129.6Vdc
DOD	90%
Max. output power	3.2kW
Max. Charge&Discharge Current	35A
IP Rating	IP55
Communication	Dongle/RS485
Dimensions (WxHxD)	798*1102*220mm
Weight	80.7kg

Model	ST6900UX-4H--Liquid-Cooled Battery Energy Storage System Container
Nominal Capacity	6904 kWh
Nominal DC Voltage Range	1101.6Vdc-1489.2Vdc
Nominal AC Power	450kVA*4
THDi	＜1% (Nominal Power)
DC Component	＜0.5%
Nominal AC Voltage	621Vac-759Vac
Norminal AC Current	414A*4
Power Factor@Nominal Power	＞0.99 / 1 leading-1 lagging
Nominal Frequency	50Hz/60Hz
Operation Temperature	-30~ 45℃
IP Rating	IP55
Anti-Corrosion Degree	C4
Dimensions (WxHxD)	6058*2896*2438mm
Weight	55000kg
Operating Altitude	≤4000m

Model	Telesto--5MWh Containerized (20ft) Energy Storage System
Rated Capacity	5015.96kWh
Battery Pack Configuration	1P104S
Battery Cluster Configuration	1P416S
NO.of Battery Cluster	12
Operating Voltage	1040.0Vdc-1497.6Vdc
Nominal Voltage	1331.2Vdc
Max Charge/Discharge Rate	0.5P
Operating Temperature	-30~55℃
Humidity	0~95% RH
IP Rating	IP55
Corrosion Protection Level	≥C4
Altitude	≤3000m
Dimensions (WxHxD)	6058*2896*2438mm
Weight	≈43t
Communication	CAN/RS485/Ethernet
Round Trip Efficiency	≥94%

Model	PCS-9567CP--Power Management System
Power Supply (AC/DC adaptive)	88-264Vdc, 88-264Vac
AC Current Input	1A/5A
AC Voltage Input	50V-120V
DC Analog Input	4-20mA, 0V-5V
Communicate with SCADA/EMS Systems	Media: Ethernet, RS-485 serial port
	Protocol: IEC 60870-5-103, IEC 61850
Communicate with Remote Control	Media: Ethernet, Fiber
	Protocol: GOOSE
Communication with PCS	Networking method: ● A single unit supports up to 100 PCS; ● Hierarchical cascading networking is used for more than 100 units.
Dual-interconnection Communication	Media: Ethernet, Fiber
	Protocol: GOOSE
Time Synchronization	IRIG-B Code Time Synchronization, Network Packet Time

Model	PCS-9567D-150/250 --DC Power Conversion System
DC Low Voltage Side	
Max. DC Power	165kW
Max. Current	520A
Operating Voltage Range	320V-600V
DC High Voltage Side	
Rated Power	150kW
Rated Voltage	720V
Operating Voltage Range	500V-850V
Max. Current	330A
System	
Communication Interface	CAN/RS-485/RJ45/Optical
Communication Protocol	CAN/Modbus IEC 60870-103/ IEC 61850
IP Rating	IP 20
Operating Temperature	-25~50℃
Altitude	≤6000m(＞4000m derating)
Dimensions (WxHxD)	1000*2060*700mm
Weight	1200kg

Model	PCS-9567D-250 --DC Power Conversion System
DC Low Voltage Side	
Max. DC Power	275kW
Max. Current	860A
Operating Voltage Range	320V-600V
DC High Voltage Side	
Rated Power	250kW
Rated Voltage	720V
Operating Voltage Range	500V-850V
Max. Current	550A
System	
Communication Interface	CAN/RS-485/RJ45/Optical
Communication Protocol	CAN/Modbus IEC 60870-103/ IEC 61850
IP Rating	IP 20
Operating Temperature	-25~50℃
Altitude	≤6000m(＞4000m derating)
Dimensions (WxHxD)	1100*2060*700mm
Weight	1250kg

Model	PCS-9567A-150 --Power Conversion System
Max. DC Power	165kW
Max. DC Input Current	330A
DC Voltage Range	500V-850V/600V-850V
Nominal Output Power	150kW
Maximum AC Power	165kVA
Frequency	50Hz/ 60Hz(±5Hz)
IP Rating	IP20
Communication Interface	CAN/RS-485/RJ45/optical Fiber Port
Communication Protocol	CAN/Modbus/IEC 61850/IEC 60870-5-103
Humidity	0~95%(No Condensation)
Operating Temperature	-25~50℃
Dimensions (WxHxD)	800*1960*700mm
Weight	650kg

Model	PCS-9567A-250 --Power Conversion System
Max. DC Power	275kW
Max. DC Input Current	550A
DC Voltage Range	500V-850V/600V-850V
Nominal Output Power	250kW
Maximum AC Power	275kVA
Frequency	50Hz/ 60Hz(±5Hz)
IP Rating	IP20
Communication Interface	CAN/RS-485/RJ45/optical Fiber Port
Communication Protocol	CAN/Modbus/IEC 61850/IEC 60870-5-103
Humidity	0~95%(No Condensation)
Operating Temperature	-25~50℃
Dimensions (WxHxD)	1000*2160*700mm
Weight	700kg

Model	PCS-9567A-500 --Power Conversion System
Max. DC Power	550kW
Max. DC Input Current	1100A
DC Voltage Range	500V-850V/600V-850V
Nominal Output Power	500kW
Maximum AC Power	550kVA
Frequency	50Hz/ 60Hz(±5Hz)
IP Rating	IP20
Communication Interface	CAN/RS-485/RJ45/optical Fiber Port
Communication Protocol	CAN/Modbus/IEC 61850/IEC 60870-5-103
Humidity	0~95%(No Condensation)
Operating Temperature	-25~50℃
Dimensions (WxHxD)	1100*2160*700mm
Weight	800kg

Model	PCS-9567A-630 --Power Conversion System
Max. DC Power	693kW
Max. DC Input Current	1155A
DC Voltage Range	600V-850V
Nominal Output Power	630kW
Maximum AC Power	693kVA
Frequency	50Hz/ 60Hz(±5Hz)
IP Rating	IP20
Communication Interface	CAN/RS-485/RJ45/optical Fiber Port
Communication Protocol	CAN/Modbus/IEC 61850/IEC 60870-5-103
Humidity	0~95%(No Condensation)
Operating Temperature	-25~50℃
Dimensions (WxHxD)	1100*2160*700mm
Weight	800kg

Model	PCS-9567SS-500 --Intelligent Static Switch
On&Off Grid Switching Time	＜10ms
Rated Power	500kW
Max. AC Power	550kW
Max. AC Current	800A
Grid Voltage Range	340V-440V
Grid Frequency	50Hz/ 60Hz(±5Hz)
Communication Interface	CAN/RS-485/RJ45/Optical
Communication Protocol	CAN/Modbus IEC 60870-103/ IEC 61850
IP Rating	IP 20
Humidity	0~95%(No Condensation)
Operating Temperature	-25~50℃
Altitude	≤6000m(＞4000m derating)
Dimensions (WxHxD)	900*2160*700mm
Weight	530kg

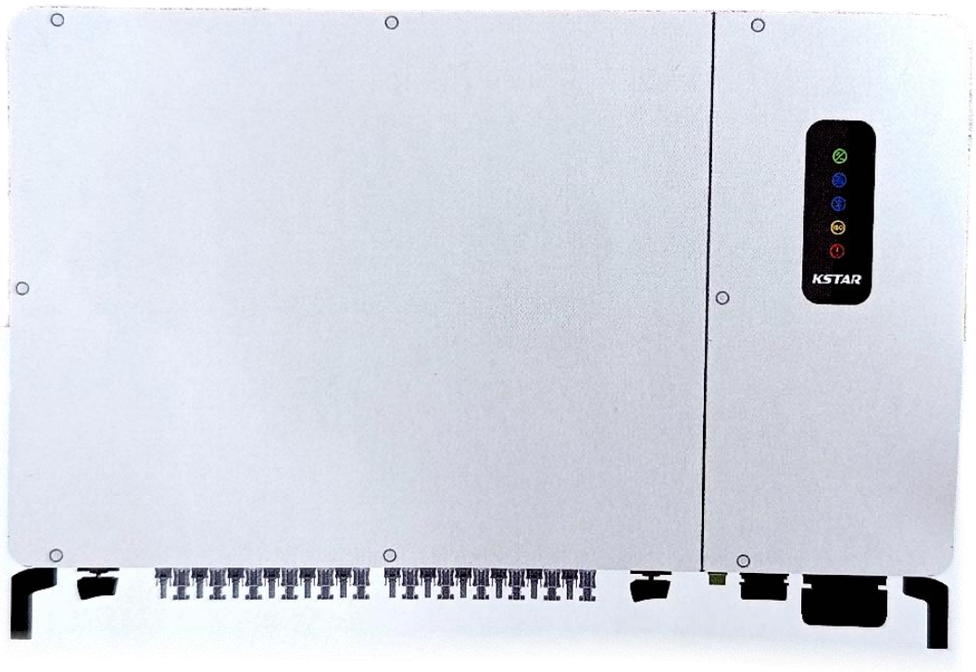
Model	PCS-9567SS-1000 --Intelligent Static Switch
On&Off Grid Switching Time	＜10ms
Rated Power	1000kW
Max. AC Power	1100kW
Max. AC Current	1600A
Grid Voltage Range	340V-440V
Grid Frequency	239Hz(±5Hz)
Communication Interface	CAN/RS-485/RJ45/Optical
Communication Protocol	CAN/Modbus IEC 60870-103/ IEC 61850
IP Rating	IP 20
Humidity	0~95%(No Condensation)
Operating Temperature	-25~50℃
Altitude	≤6000m(＞4000m derating)
Dimensions (WxHxD)	1000*2160*700mm
Weight	650kg

Model	PCS-8811CB-5018--Centralized Energy Storage System
Battery Capacity	5018kWh
Cell Type	3.2V/280Ah
Output Voltage Range	1100V-1460V
Battery Configuration	400S14P
BMS Communication Interface	RJ45
BMS Communication Protocols	Modbus-TCP, IEC 61850
Rated Power	2500kW
Grid Connection Voltage Range	6kV-35kV
Grid Frequency	50/60Hz(±5Hz)
THDi	＜3%
Weight of PCS and Transformer Container	16t
Dimensions (WxHxD)	7400*3000*3000mm
Weight of Battery Container	58t
Dimensions (WxHxD)	13176*2800*3100mm
IP Rating	IP54
Operating Temperature	-30~50℃
Communication Interface	RJ45 / Fiber
Communication Protocol	IEC 61850

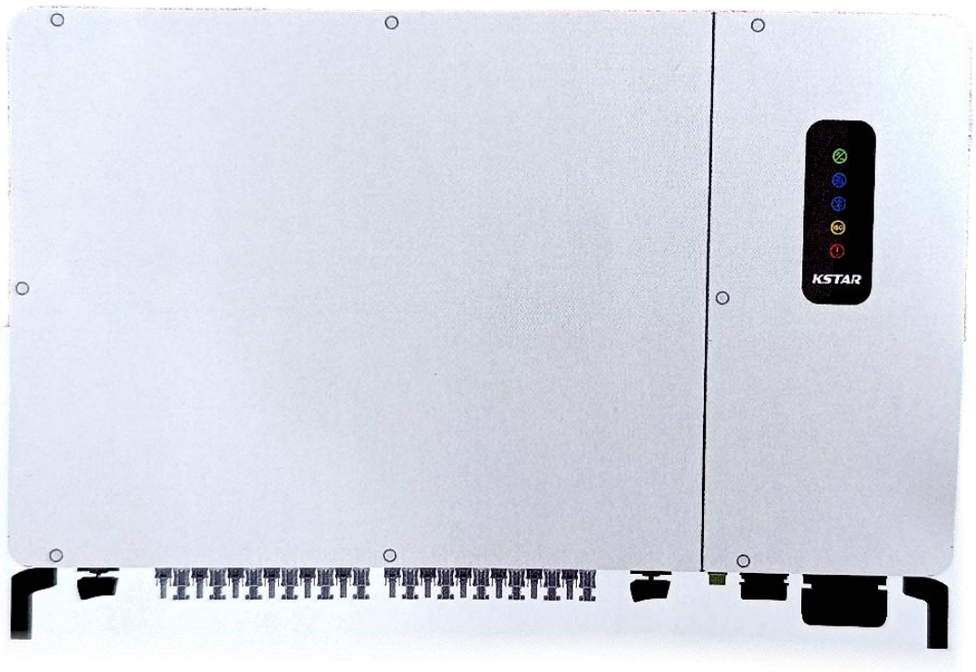
Model	PCS-8811CB-6881--Centralized Energy Storage System
Battery Capacity	5018kWh
Cell Type	3.2V/280Ah
Output Voltage Range	1056V-1401.6V
Battery Configuration	384S20P
BMS Communication Interface	RJ45
BMS Communication Protocols	Modbus-TCP, IEC 61850
Rated Power	3450kW
Grid Connection Voltage Range	6kV-35kV
Grid Frequency	50/60Hz(±5Hz)
THDi	＜3%
Weight of PCS and Transformer Container	17.5t
Dimensions (WxHxD)	7600*3000*3000mm
Weight of Battery Container	2*45t
Dimensions (WxHxD)	2*(10500*2800*3100)mm
IP Rating	IP54
Operating Temperature	-30~50℃
Communication Interface	RJ45 / Fiber
Communication Protocol	IEC 61850

Part 04

OTHER ACCESSORIES



Model	KSG-120CL-M0--String Grid-Tied PV Inverter
Max.DC Input Voltage	1100Vdc
Start Voltage	250V
MPPT Voltage Range	200V-1000V
Max.Input Current Per MPPT	50A
Nominal AC Output Power	120kW@30℃/110kW@40℃/100kW@50℃
Max. AC Apparent Power	121kVA
Rated AC Voltage	400Vac,3W+N+PE
AC Grid Frequency Range	50/60Hz(±5Hz)
Max. Output Current	174.6A
THDi	＜3%
Max.Efficiency	98.7%
IP Rating	IP66
Dimensions(W×H×D)	1055*700*336mm
Weight	93kg
Operating Temperature	-25~60℃
Operating Altitude	⩽4000m
Communication	RS485/Wifi/4G



Model	KSG-250UH-M0--String Grid-Tied PV Inverter
Max.DC Input Voltage	1500Vdc
Start Voltage	650V
MPPT Voltage Range	500V-1500V
Max.Input Current Per MPPT	50A
Nominal AC Output Power	250kW@30℃/225kW@40℃/200kW@50℃
Max. AC Apparent Power	250kVA
Rated AC Voltage	800Vac,3W+PE
AC Grid Frequency Range	50/60Hz(±5Hz)
Max. Output Current	180.4A
THDi	＜3%
Max.Efficiency	99.0%
IP Rating	IP66
Dimensions(W×H×D)	1055*700*336mm
Weight	93kg
Operating Temperature	-25~60℃
Operating Altitude	≤4000m
Communication	RS485/Wifi/4G/PLC

Model	KSG-30KT-M1--String On-Grid PV Inverter
Max.DC Input Voltage	1100Vdc
Start Voltage	250V
MPPT Voltage Range	200V-1000V
No. of MPPT	3
Nominal AC Output Power	30000W
Max. AC Output Power	33000VA
Rated AC Voltage	400Vac,3L+N
AC Grid Frequency Range	50/60Hz(±5Hz)
Max. Output Current	47.8A
THDi	＜3%
Max.Efficiency	98.7%
IP Rating	IP66
Dimensions(W×H×D)	380*483*223mm
Weight	25.5kg
Operating Temperature	-25~60℃
Operating Altitude	≤4000m
Communication	RS485/Wifi/4G

Model	KSG-40KT-M1--String Grid-Tied PV Inverter
Max.DC Input Voltage	1100Vdc
Start Voltage	250V
MPPT Voltage Range	200V-1000V
No. of MPPT	3
Nominal AC Output Power	40000W
Max. AC Output Power	44000VA
Rated AC Voltage	400Vac,3L+N
AC Grid Frequency Range	50/60Hz(±5Hz)
Max. Output Current	63.8A
THDi	＜3%
Max.Efficiency	98.7%
IP Rating	IP66
Dimensions(W×H×D)	380*483*227mm
Weight	32.5kg
Operating Temperature	-25~60℃
Operating Altitude	≤4000m
Communication	RS485/Wifi/4G

Model	GSM3125D--6.25MW Inverter Transformer Solution DC1500V Outdoor Inverter
Max.DC Input Voltage	1500Vdc
Min./Start Voltage	860V/940V(adjustable)
MPPT Voltage Range	875V-1300V
No. of DC input	Max.24*400A(20*500A/630A optional)
Rated AC Output Power	3125kW@50℃
Max. AC Output Power	3438kW@45℃
Rated AC Voltage	600Vac,3W+PE
AC Voltage Range	510Vac-660Vac
Rated Grid Frequency	50/60Hz
Rated Output Current	3007A
Max. Output Current	3308A
THDi	＜3%
Max.Efficiency	99%
IP Rating	IP55
Dimensions(W×H×D)	2350*2400*1300mm
Weight	3500kg
Operating Temperature	-40~60℃(＞50℃ derating)
Communication	Modbus RS485

Model	GSM3125C--6.25MW Inverter Transformer Solution DC1500V Container Solution
Max.DC Input Voltage	1500Vdc
Min./Start Voltage	920V/980V(adjustable)
MPPT Voltage Range	920V-1300V
No. of DC input	Max.24*250A(16*400A optional)
Rated AC Output Power	3125kW@50℃
Max. AC Output Power	3600kW@45℃
Rated AC Output Voltage	630Vac,3W+PE
AC Output Voltage Range	504Vac-660Vac
Rated Grid Frequency	50/60Hz
Rated Output Current	2864A
Max. Output Current	3299A
THDi	＜3%
Max.Efficiency	99%
IP Rating	IP54
Dimensions(W×H×D)	2991*2591*2438mm
Weight	5000kg
Operating Temperature	-40~60℃(＞50℃ derating)
Communication	Modbus RS485

Model	GSM6250D-MV--DC1500V Turnkey Solution
Max.DC Input Voltage	1500Vdc
Min./Start Voltage	860V/940V(adjustable)
MPPT Voltage Range	875V-1300V
No. of DC input	Max.48*400A(40*500A/630A/optional)
Max.DC Input Current	8018A
Rated AC Output Power	6250kW
Max. AC Output Power	6876kW
Inverter Max Output Current	6616A
AC Output Voltage Range	10kVac-35kVac
Rated Grid Frequency	50/60Hz
AC Grid Frequency Range	45-55Hz/55-65Hz(adjustable)
THDi	＜3%
Max.Efficiency	99%
IP Rating	Inverter IP55/Others IP54
Dimensions(W×H×D)	12192*2896*2438mm
Weight	29t
Operating Temperature	-40~60℃
Communication	Standard:Modbus RS485 Optional:IEC104 Optional Fiber

Model	GSM6250C-MV--DC1500V Turnkey Solution
Max.DC Input Voltage	1500Vdc
Min./Start Voltage	920V/980V(adjustable)
MPPT Voltage Range	920V-1300V
No. of DC input	Max.56*250A(32*400A/optional)
Max.DC Input Current	8060A
Rated AC Output Power	6250kW
Max. AC Output Power	7200kW
Inverter Max Output Current	6598A
AC Output Voltage Range	10kVac-35kVac
Rated Grid Frequency	50/60Hz
AC Grid Frequency Range	45-55Hz/55-65Hz(adjustable)
THDi	＜3%
Max.Efficiency	99%
IP Rating	IP54
Dimensions(W×H×D)	12192*2896*2438mm
Weight	29t
Operating Temperature	-40~60℃
Communication	Standard:Modbus RS485 Optional:IEC104 Optional Fiber