

A Provider with 20+years Battery manufacturing experience
Durable Lithium Battery use CSSUN
Shenzhen CSSUN Energy Co., LTD



C&I Energy Storage Catalog
Commercial and Industrial Energy Storage System



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Since 2003



CI & BESS with Solar and Diesel Generator
20' Container (1MWh ~ 10MWh)



Integrated LiFePO4 Battery,
BMS, PCS, EMS, Solar and
Diesel Generator



Individual cluster
management for enhanced
reliability



Integrated three-level
fire protection system



Supports hybrid use of new
and old batteries



Model	1MWH+500kW	1.2MWH+625kW	1.4MWH+750kW	2MWH+1MW	2.6MWH+1.25MW
	CS-1MWH-	CS-1.2MWH-	CS-1.4MWH-	CS-2MWH-	CS-2.6MWH-
	500KH3M-HP1	625H3M-HP1	750KH3M-HP1	1000KH3M-HP2	1250KH3M-HP2
Battery					
Battery Type	LifePO4				
Rated Energy	1MWh	1.2MWh	1.4MWh	2MWh	2.6MWh
Nominal Voltage	832V	768V	768V	832V	832V
Rated Capacity	1256Ah	1570Ah	1884Ah	2512Ah	3140Ah
PV					
Max. Power	480kW	600kW	720kW	Solar Inverter Outside	
Max.PV Voltage	950Vdc	950Vdc	950Vdc	/	/
MPPT Voltage Range	500~850Vdc	500~850Vdc	500~850Vdc	/	/
Max.PV Current	200A*4	200A*5	200A*6	/	/
MPPT Channels	4	5	6	/	/
AC (On-grid)					
Rated Power	500kW	625kW	750kW	1000kW	1250kW
AC Voltage	400Vac/230Vac (L1/L2/L3/N/PE)				
Rated Frequency	50Hz/60Hz				
Max.AC Current	757A	946A	1136A	1515A	1893A
AC (Off-grid)					
Rated Power	500kW	625kW	750kW	1000kW	1250kW
AC Voltage	400Vac/230Vac (L1/L2/L3/N/PE)				
Rated Frequency	50Hz/60Hz				
Max.AC Current	757A	946A	1136A	1515A	1893A
Switching Time	< 20ms				
General Parameter					
Communication Type	RS485/WiFi				
IP Grade	IP54				
Fire Protection System	YES				
Operating Temperature	-10~55℃				
Humidity Range	5%~95%				
Altitude	< 2000m				
Battery Cooling Method	Air-Conditioner				
PCS Cooling Method	Intelligent cooling				
Dimensions (W*D*H)mm	2991*2438*2591	6058*2438*2896	6058*2438*2896	6058*2438*2896	6058*2438*2896
Weight (about)	12000kg	21525kg	23550kg	26050kg	28600kg

* The Parameters are for reference only, the actual product shall prevail support customization, and on-demand customization



Hybrid BESS with Solar and GEN
10' Container (250kW + 520kWh | 200kW+480kWh)



PCS+LiFePO4 Battery +
MPPT+ Generator Port



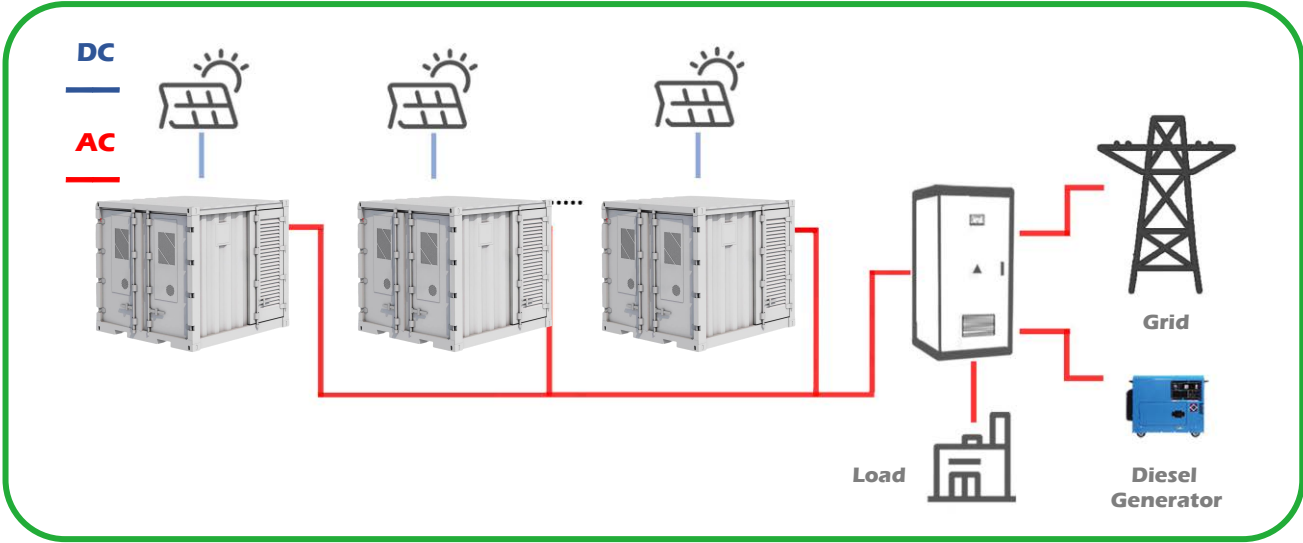
Integrated fire protection
and Air-conditioner



Integrated battery
and inverter



Supports multiple units
in Parallel (Hybrid)



Model	480kWh+200kW	520kWh+250kW
	CS-480KWH-200KH3M-HS1	CS-520KWH-250KH3M-HS1
Battery		
Battery Type	LiFePO4	
Rated Energy	480kWh	520kWh
PV		
Max. Power	240kW	
Max.PV Voltage	950Vdc	
MPPT Voltage Range	250~850Vdc	
Max.PV Current	200A+200A	
MPPT Channels	2	
AC (On-grid)		
Rated Power	200kW	250kW
AC Voltage	400Vac/230Vac(L1/L2/l3/N/PE)	
Rated Frequency	50Hz/60Hz	
Max.AC Current	300A	375A
AC (Off-grid)		
Rated Power	200kW	250kW
AC Voltage	400Vac/230Vac(L1/L2/l3/N/PE)	
Rated Frequency	50Hz/60Hz	
Max.AC Current	300A	375A
Switching Time	< 20ms	
Parallel Number	6	
General Parameter		
Communication Type	RS485/WiFi	
IP Grade	IP54	
Fire Protection System	YES	
Operating Temperature	-10~55℃	
Humidity Range	5%~95%	
Altitude	< 2000m	
Battery Cooling Method	Air-Conditioner	
PCS Cooling Method	Intelligent cooling	
Dimensions (W*D*H)	2500*2250*2400mm	2500*2250*2400mm
Weight	5200kg (about)	5500kg (about)

* The Parameters are for reference only, the actual product shall prevail support customization, and on-demand customization





C & I All-In-One ESS (100kW/287-362kWh)
Battery + PCS + MPPT + Generator Port



PCS+LiFePO4 Battery +
MPPT+ Generator Port



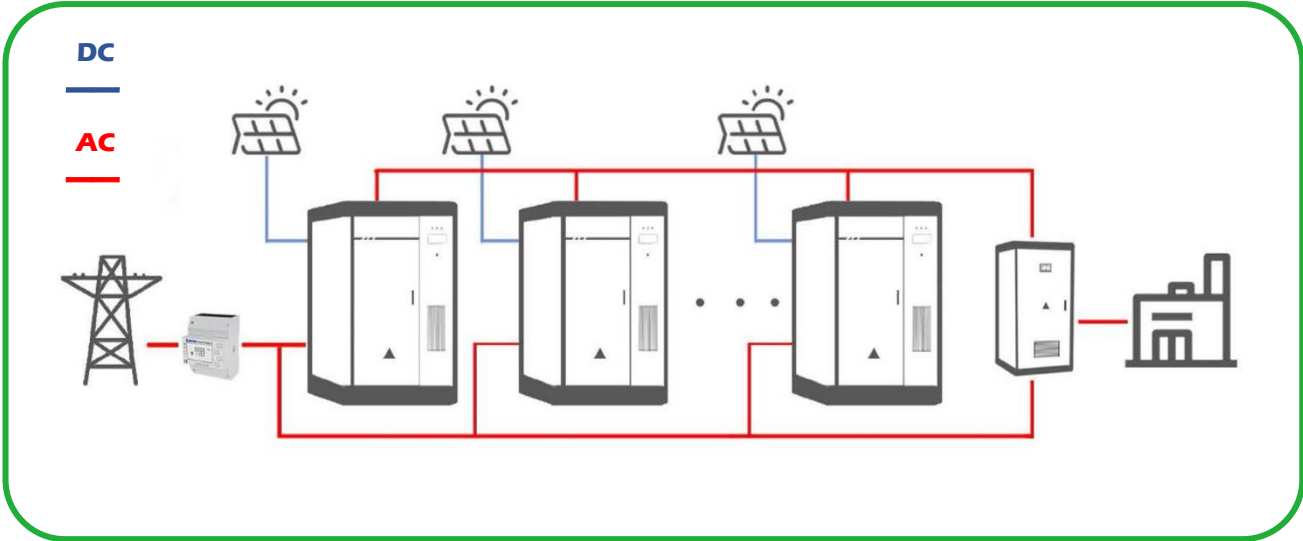
Integrated fire protection
and Air-conditioner



Integrated battery
and inverter



Supports multiple units
in Parallel (Hybrid)



Durable C&I ESS Choose CSPower



Model	281kWh+100kW	301kWh+100kW	321kWh+100kW	341kWh+100kW	362kWh+100kW
	CS-281KWH-100KH 3M-HP1	CS-301KWH-100KH 3M-HP1	CS-321KWH-100KH 3M-HP1	CS-341KWH-100KH 3M-HP1	CS-362KWH-100KH 3M-HP1
Battery					
Battery Type	LiFePO4				
Rated Energy	281kWh	301kWh	321kWh	341kWh	362kWh
PV					
Max. Power	120kW				
Max.PV Voltage	950Vdc				
MPPT Voltage Range	250~850Vdc				
Max.PV Current	200A				
MPPT Channels	1 or 4				
AC (On-grid)					
Rated Power	100kW				
AC Voltage	400Vac/230Vac (L1/L2/L3/N/PE)				
Rated Frequency	50Hz/60Hz				
Max.AC Current	145A				
AC (Off-grid)					
Rated Power	100kW				
AC Voltage	400Vac/230Vac (L1/L2/L3/N/PE)				
Rated Frequency	50Hz/60Hz				
Max.AC Current	145A				
Switching Time	< 20ms				
Parallel Number	10				
General Parameter					
Communication Type	RS485/WiFi				
IP Grade	IP54				
Fire Protection System	YES				
Operating Temperature	~10~55℃				
Humidity Range	5%~95%				
Altitude	< 2000m				
Battery Cooling Method	Air-Conditioner				
PCS Cooling Method	Intelligent cooling				
Dimensions (W*D*H) mm	1600*1200*2085	1600*1200*2085	1600*1190*2140	1600*1190*2355	1600*1190*2355
Weight	2500kg (about)	2600kg (about)	2950kg (about)	3100kg (about)	3230kg (about)

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Hybrid Inverter + LiFePO4 Battery
+MPPT + Generator Port



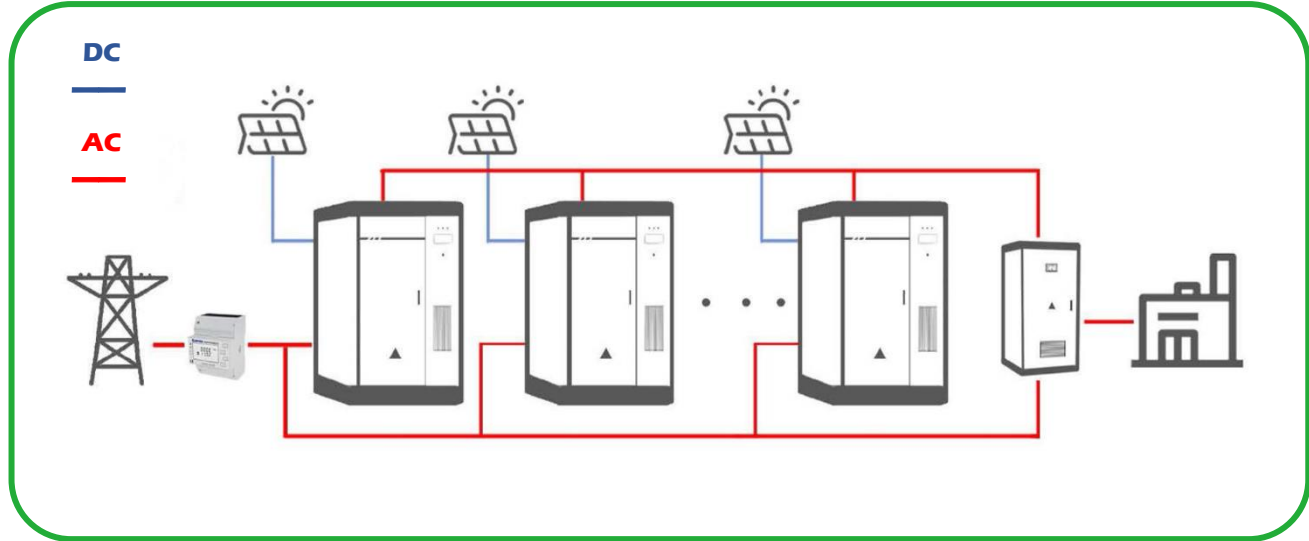
Integrated
BMS/PCS/EMS



Integrated fire protection
And Air-conditioner



Automotive
Grade Process



Model	215kWh+100kW /IP54	215kWh+100kW /IP20
	CS-215KWH-100KH3M-HP1	CS-215KWH-100KH3M-HA1
Battery		
Battery Type	LiFePO4 Battery	
Rated Energy	215kWh	
Rated Capacity	280Ah	
Nominal Voltage	768V	
Max. Charge Voltage	876V	
Cut-off Discharge Voltage	600V	
Max. Charge Current	200A	
Max. Discharge Current	200A	
Main Function	OVP/UVP/OTP/OCP/SCP/IDP/BL etc.	
PV		
Max. PV Voltage	900Vdc	
MPPT Voltage Range	200-850Vdc	
Max. PV Current	100A/Channel	
MPPT Channels	2	
Rated Power	120kW	
Rated Voltage	400Vac/230Vac(L1/L2/L3/N/PE)	
Rated Frequency	50Hz/60Hz	
Max.AC Current	145A	
Off-grid		
Rated Power	100kW	
Rated Voltage	400Vac/230Vac(L1/L2/L3/N/PE)	
Rated Frequency	50Hz/60Hz	
Max. AC Current	145A	
Parallel	10	
General Parameter		
Communication	RS485/ Wifi	
Fire Protection	Aerosol and Perfluorohexanone	
Cooling Mode	Air Conditioner	
IP Grade	IP54	IP20
Altitude	<2000m	
Work Temperature	-10°C~55°C	
Size/mm	1450*1355*2190	1200*1000*2050
Weight/kg	2400 (about)	2200 (about)

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Max.10 in parallel (50kW/100-128kWh)
Hybrid ESS Integrated MPPT and GEN Port



Hybrid Inverter + LiFePO4 Battery
+MPPT + Generator Port



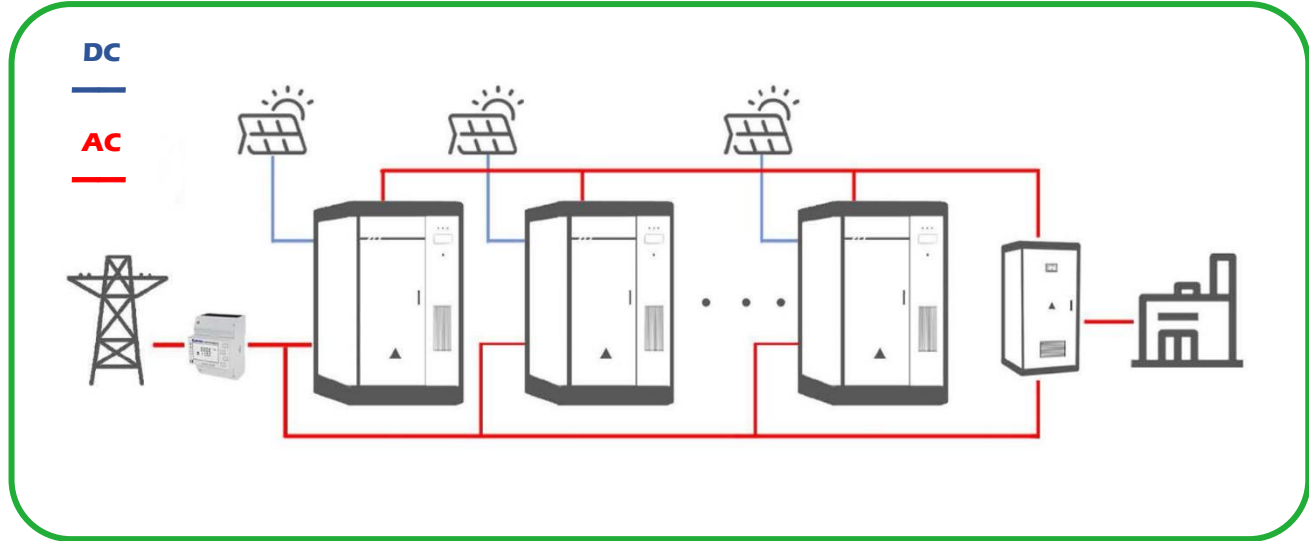
Integrated
BMS/PCS/EMS



Integrated fire protection
And Air-conditioner



Automotive
Grade Process



Model	100kWH+50kW/IP54	115kWH+50kW/IP54	128kWH+50kW/IP54
	CS-100KWH-50KH3M-HP1	CS-115KWH-50KH3M-HP1	CS-128KWH-50KH3M-HP1
Battery			
Battery type	LifePO4		
Rated energy	100kWH	115kWH	128kWH
Nominal voltage	512V		
Rated capacity	200Ah		
Standard Charge Current	75A		
Max. Charge Current	125V		
Max. Discharge Current	150A		
Cooling Method	Air-Conditioner		
PV			
Max. power	70kW		
Max. PV voltage	850Vdc		
MPPT voltage range	200~820Vdc		
Max. PV current	30A+30A+30A+30A		
Quantity of MPPT Channel	4		
AC (On-grid)			
Rated power	50kW		
THDi	<3%		
AC voltage	400Vac		
AC Model	L1/L2/L3/N/PE		
Rated Frequency	50Hz/60Hz		
AC (Off-grid)			
Rated power	50kW		
AC Voltage	400Vac		
AC voltage Range	320~460Vac		
AC Model	L1/L2/L3/N/PE		
Rated Frequency	50Hz/60Hz		
Max. AC current	72A		
Switching time	< 20ms		
General parameter			
Communication type	RS485/WiFi		
IP grade	IP54		
Fire protection system	Aerosol		
Operating temperature	-10℃ ~ 55℃		
Storage temperature	25~60℃		
Humidity range	5% ~ 95%		
Altitude	< 3000m		
PCS cooling method	Intelligent air cooling		
Size/mm	1100*950*1450	1100*950*1450	1100*950*1450
Weight/kg	1200(about)	1320(about)	1350(about)

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Max.10 in parallel (30kW/50-60kWh)
Hybrid ESS Integrated MPPT and GEN Port



Hybrid Inverter + LiFePO4 Battery
+MPPT + Generator Port



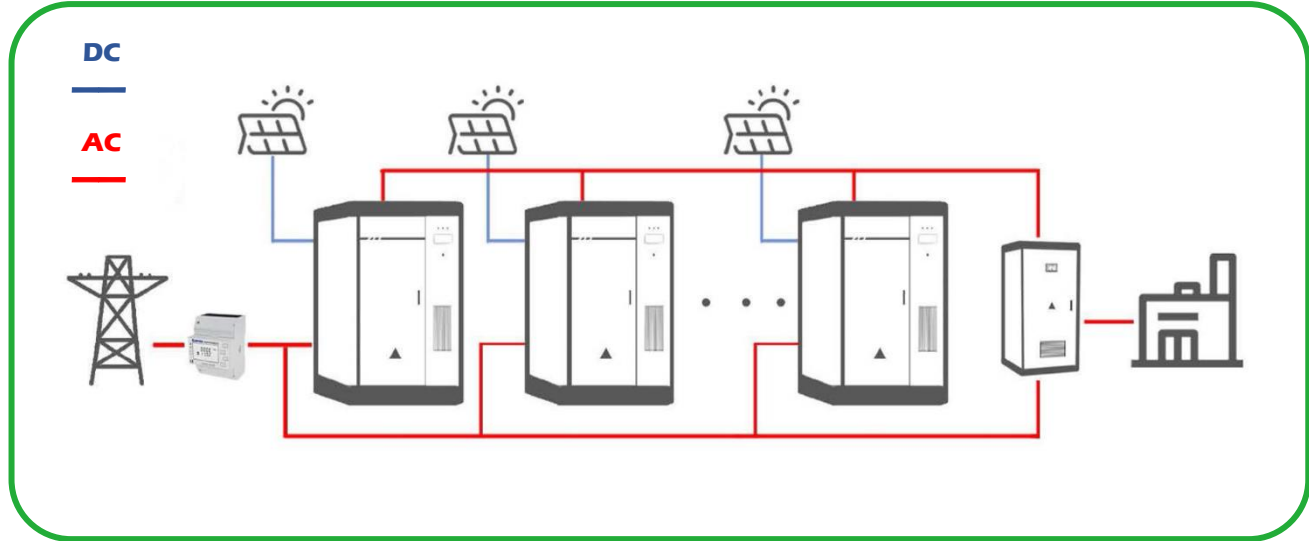
Integrated
BMS/PCS/EMS



Integrated fire protection
And Air-conditioner



Automotive
Grade Process



Durable C&I ESS Choose CSPower



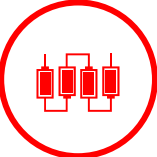
Model	50kWH+30kW/IP54	50kWH+30kW/IP20	60kWH+30kW/IP54	60kWH+30kW/IP20
	CS-50KWH+30K H3M-HP1	CS-50KWH+30K H3M-HA1	CS-60KWH+30K H3M-HP1	CS-60KWH+30K H3M-HA1
Battery				
Battery type			LifePO4	
Rated energy	51kWH	51kWH	61kWH	61kWH
Nominal voltage	512V		614V	
Rated capacity			100Ah	
Max . work current			100A	
PV				
Max . power			38kW	
Max . PV voltage			850Vdc	
MPPT voltage range			200~820Vdc	
Max . PV current			30A+30A	
MPPT Channels			2	
AC (On-grid)				
Rated power			30kW	
AC voltage			400Vac/230Vac(L1/L2/L3/N/PE)	
Rated frequency			50Hz/60Hz	
Max. AC current			50A	
Max . Parallel number			30	
AC (Off-grid)				
Rated power			30kW	
AC voltage			400Vac/230Vac(L1/L2/L3/N/PE)	
Rated frequency			50Hz/60Hz	
Max. AC current			43A	
Switching time			< 20ms	
Max. Parallel number			10	
General parameter				
Communication type			RS485/WiFi	
IP grade	IP54	IP20	IP54	IP20
Fire protection system			Yes	
Operating temperature			-10℃ ~ 55℃	
Humidity range			5% ~ 95%	
Altitude			< 3000m	
Battery cooling method	Air-Conditioner	/	Air-Conditioner	/
PCS cooling method	Intelligent cooling			
Dimensions(W*D*H)	680*950*1450mm	600*850*1450mm	680*950*1450mm	600*850*1450mm
Weight	600kg(about)	530kg(about)	680kg(about)	600kg(about)

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Automotive Grade Process (25.6-61.4kWh)
Support 2-Levels/3-Levels Architecture



Support in series



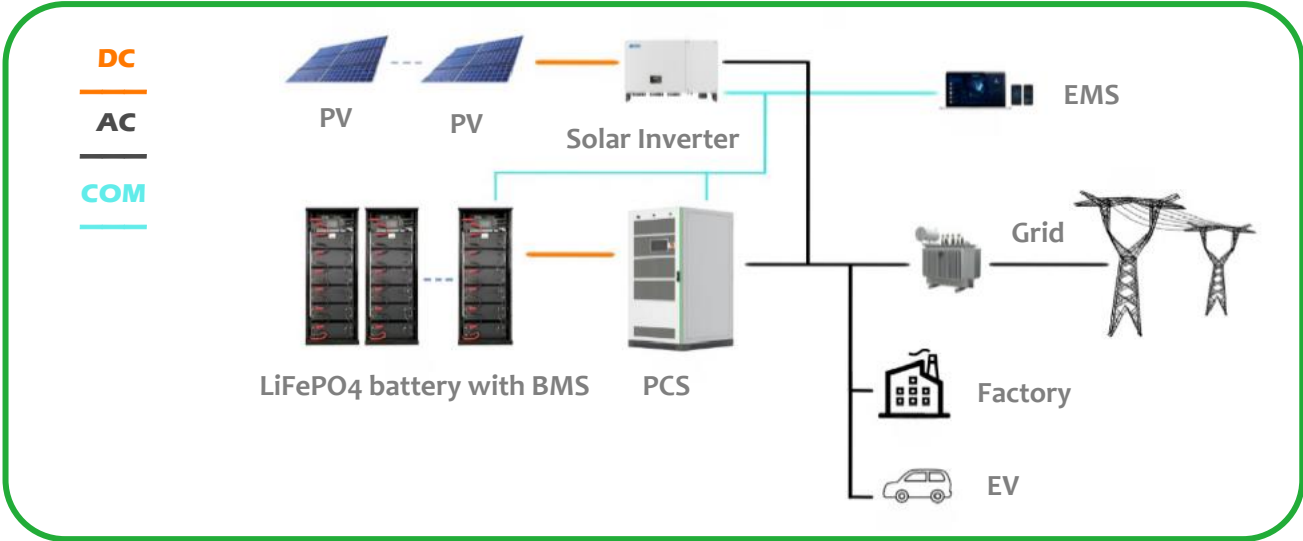
High reliability &
high security



Long cycle life



Support customization



Durable C&I ESS Choose CSPower



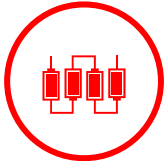
Model	256V100Ah	307V100Ah	409V100Ah	512V100Ah	614V100Ah
	CS-CB256100A-HA1	CS-CB307100A-HA1	CS-CB409100A-HA1	CS-CB512100A-HA1	CS-CB614100A-HA1
Nominal Voltage	256V	307V	409V	512V	614V
Rated Energy	26kWh	31kWh	41kWh	51kWh	61kWh
Rated Capacity	100Ah				
End-of-charge Voltage	292V	350V	467V	584V	700V
End-of-discharge Voltage	216V	259V	345V	432V	518V
Standard Charge Current	50A				
Max. Charge Current	100A				
Standard Discharge Current	50A				
Max.Discharge Current	100A				
Max.Peak Current	150A				
Communication	RS485/CAN				
Charge/Discharge Interface	Waterproof connector				
Communication Interface	RJ45				
Shell Material/Color	Metal/Black				
Size/mm	600*600*1165	600*600*1378	600*600*1610	600*600*1830	600*600*2050
Weight/kg	295kg(about)	345kg(about)	445kg(about)	533kg(about)	630kg(about)
Work Temperature Range	charge:0°C-50°CDischarge: -15°C-60°C				

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Automotive Grade Process (51.2-128kWh)
Support 2-Levels/3-Levels Architecture



Support in series



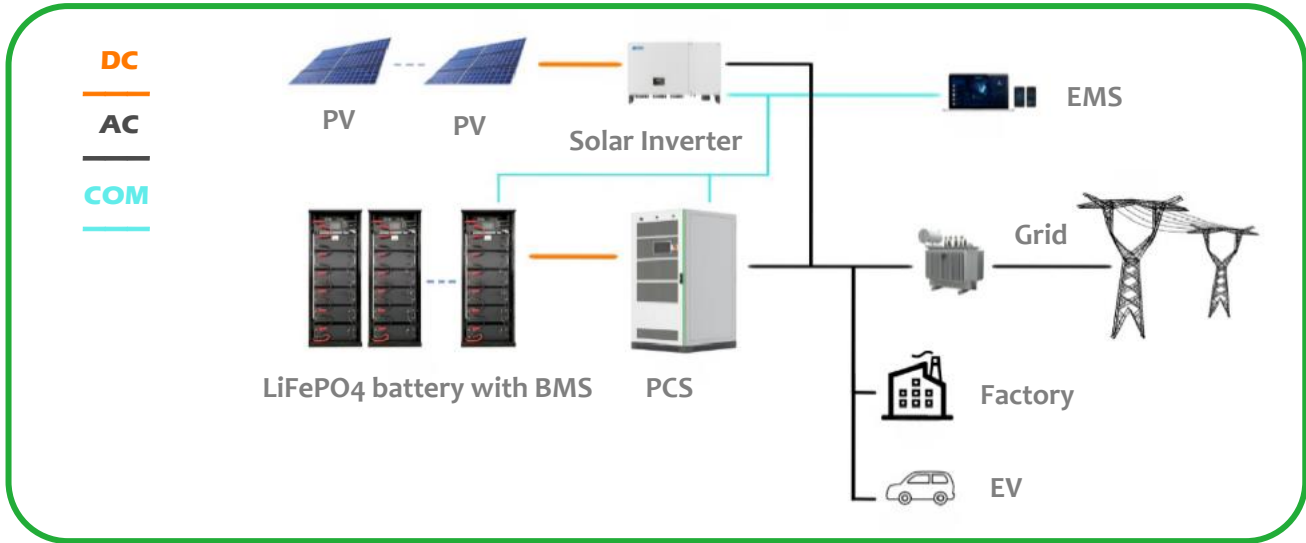
High reliability &
high security



Long cycle life



Support customization



Durable C&I ESS Choose CSPower



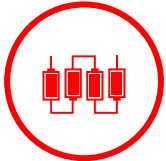
Model	256V200Ah	307V200Ah	409V200Ah	512V200Ah	614V200Ah
	CS-CB256200A-HA1	CS-CB307200A-HA1	CS-CB409200A-HA1	CS-CB512200A-HA1	CS-CB614200A-HA1
Nominal Voltage	256V	307V	409V	512V	614V
Rated Energy	51kWh	61kWh	82kWh	102kWh	123kWh
Rated Capacity	200Ah				
End-of-charge Voltage	292V	350V	467V	584V	700V
End-of-discharge Voltage	216V	259V	345V	432V	518V
Standard Charge Current	50A				
Max. Charge Current	100A				
Standard Discharge Current	50A				
Max.Discharge Current	100A				
Max.Peak Current	150A				
Communication	RS485/CAN				
Charge/Discharge Interface	Waterproof connector				
Communication Interface	RJ45				
Shell Material/Color	Metal/Black				
Size/mm	600*900*1165	600*900*1378	600*900*1610	600*900*1830	600*900*2050
Weight/kg	476kg(about)	566kg(about)	746kg(about)	926kg(about)	1106kg(about)
Work Temperature Range	charge:0°C-50°CDischarge: -15°C-60°C				

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Automotive Grade Process (71.6-172kWh)
Support 2-Levels/3-Levels Architecture



Support in series



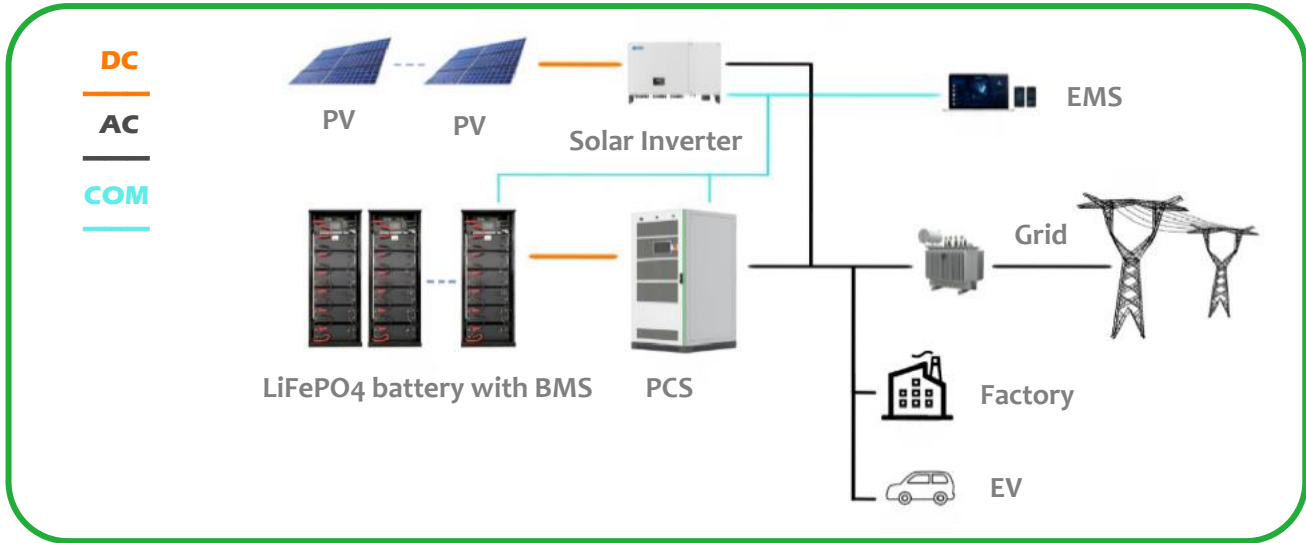
High reliability &
high security



Long cycle life



Support customization



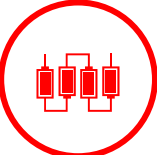
Model	256V280Ah	307V280Ah	409V280Ah	512V280Ah	614V280Ah
	CS-CB256280A-HA1	CS-CB307280A-HA1	CS-CB409280A-HA1	CS-CB512280A-HA1	CS-CB614280A-HA1
Nominal Voltage	256V	307V	409V	512V	614V
Rated Energy	51kWh	61kWh	82kWh	102kWh	123kWh
Rated Capacity	280Ah				
End-of-charge Voltage	292V	350V	467V	584V	700V
End-of-discharge Voltage	216V	259V	345V	432V	518V
Standard Charge Current	140A				
Max. Charge Current	200A				
Standard Discharge Current	140A				
Max.Discharge Current	200A				
Max.Peak Current	300A				
Communication	RS485/CAN				
Charge/Discharge Interface	Waterproof connector				
Communication Interface	RJ45				
Shell Material/Color	Metal/Black				
Size/mm	600*900*1610	600*900*1830	600*900*2050	1200*900*1610	1200*900*1830
Weight/kg	611kg(about)	728kg(about)	962kg(about)	1196kg(about)	1430kg(about)
Work Temperature Range	charge:0°C-50°CDischarge: -15°C-60°C				

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Automotive Grade Process (67.2-161kWh)
Support 2-Levels/3-Levels Architecture



Support in series



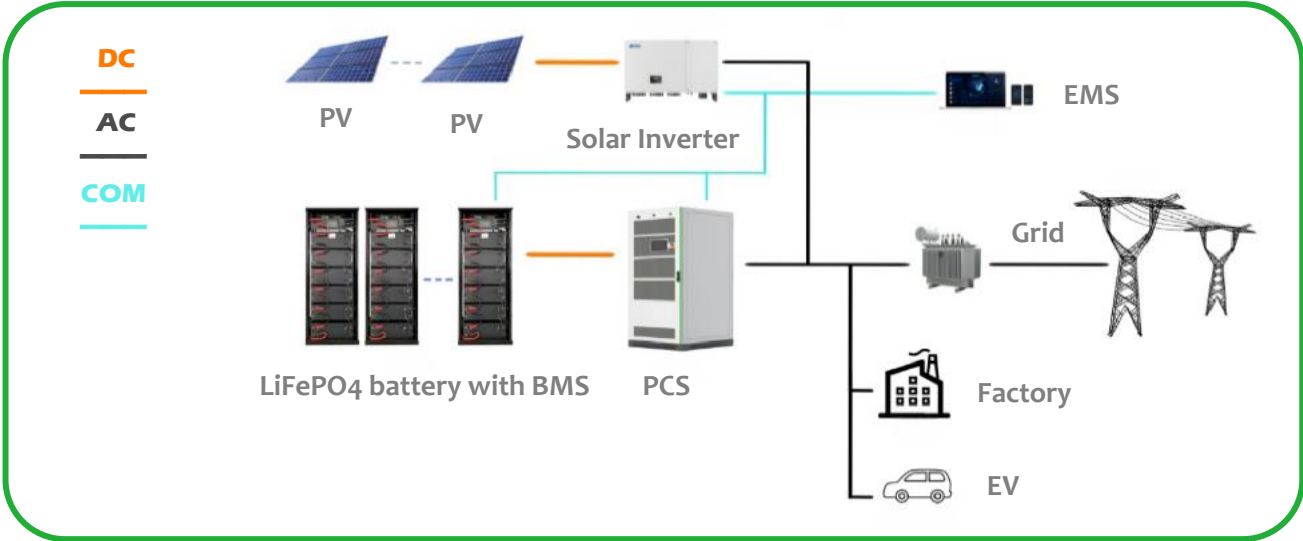
High reliability & high security



Long cycle life



Support customization



Durable C&I ESS Choose CSPower

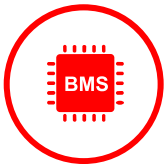


Model	256V314Ah	307V314Ah	409V314Ah	512V314Ah	614V314Ah
	CS-CB256314A-HA1	CS-CB307314A-HA1	CS-CB409314A-HA1	CS-CB512314A-HA1	CS-CB614314A-HA1
Nominal Voltage	256V	307V	409V	512V	614V
Rated Energy	51kWh	61kWh	82kWh	102kWh	123kWh
Rated Capacity	314Ah				
End-of-charge Voltage	292V	350V	467V	584V	700V
End-of-discharge Voltage	216V	259V	345V	432V	518V
Standard Charge Current	140A				
Max. Charge Current	200A				
Standard Discharge Current	140A				
Max.Discharge Current	200A				
Max.Peak Current	300A				
Communication	RS485/CAN				
Charge/Discharge Interface	Waterproof connector				
Communication Interface	RJ45				
Shell Material/Color	Metal/Black				
Size/mm	600*900*1610	600*900*1830	600*900*2050	1200*900*1610	1200*900*1830
Weight/kg	611kg(about)	728kg(about)	962kg(about)	1196kg(about)	1430kg(about)
Work Temperature Range	charge:0°C-50°CDischarge: -15°C-60°C				

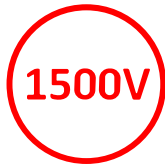
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Automotive Grade Process (5.12 – 16.0 kWh)
Support 2-Levels/3-Levels Architecture



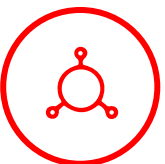
Automotive grade BMS



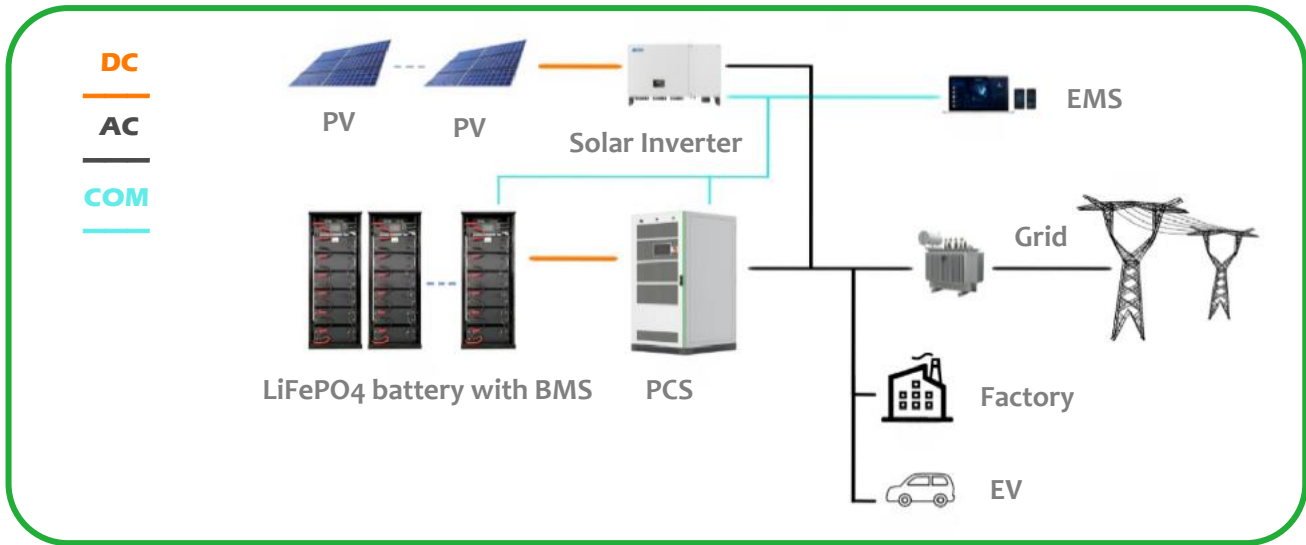
Support Max
1500V System



Integrated multi-level
fire protection system



Host integrated high
voltage module



Durable C&I ESS Choose CSPower



Model	51.2V100Ah	51.2V200Ah	51.2V280Ah	51.2V314Ah
	LPRH48V100H	LPRH48V200H	LPRH48V280H	LPRH48V314H
Nominal Voltage	51.2V			
Rated Energy	5.12kWh	10.24kWh	14.34kWh	16.0kWh
Rated Capacity	100Ah	200Ah	280Ah	314Ah
End-of-charge Voltage	58.0V			
End-of-discharge Voltage	42.0V			
Standard Charge Current	50A	50A	140A	157A
Max. Charge Current	100A	100A	200A	200A
Standard Discharge Current	50A	50A	140A	157A
Max. Discharge Current	100A	100A	200A	200A
Max.Peak Current	150A	150A	300A	300A
Communication	RS485/CAN			
Charge/Discharge Interface	Fast plug connector			
Communication Interface	RJ45			
Shell Material/Color	Metal/White/Black			
Size/mm	442*450*133	442*440*267	442*760*225	442*760*225
Weight/kg	42kg(about)	82kg(about)	109kg(about)	109kg(about)
Work Temperature Range	charge:0°C-50°CDischarge: -15°C-60°C			

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Mobile ESS with EV Charger
60kWH +60kW | 141kWH +120kW | 172kWH +120kW



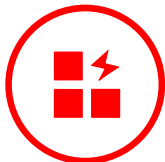
GBT or CCS1/CCS2/CHAdeMO



Integrated LiFePO4
Battery/PV/Charge Module



Battery , PV and
Charger DC Coupling



DC Charger/AC/PV/ recharging

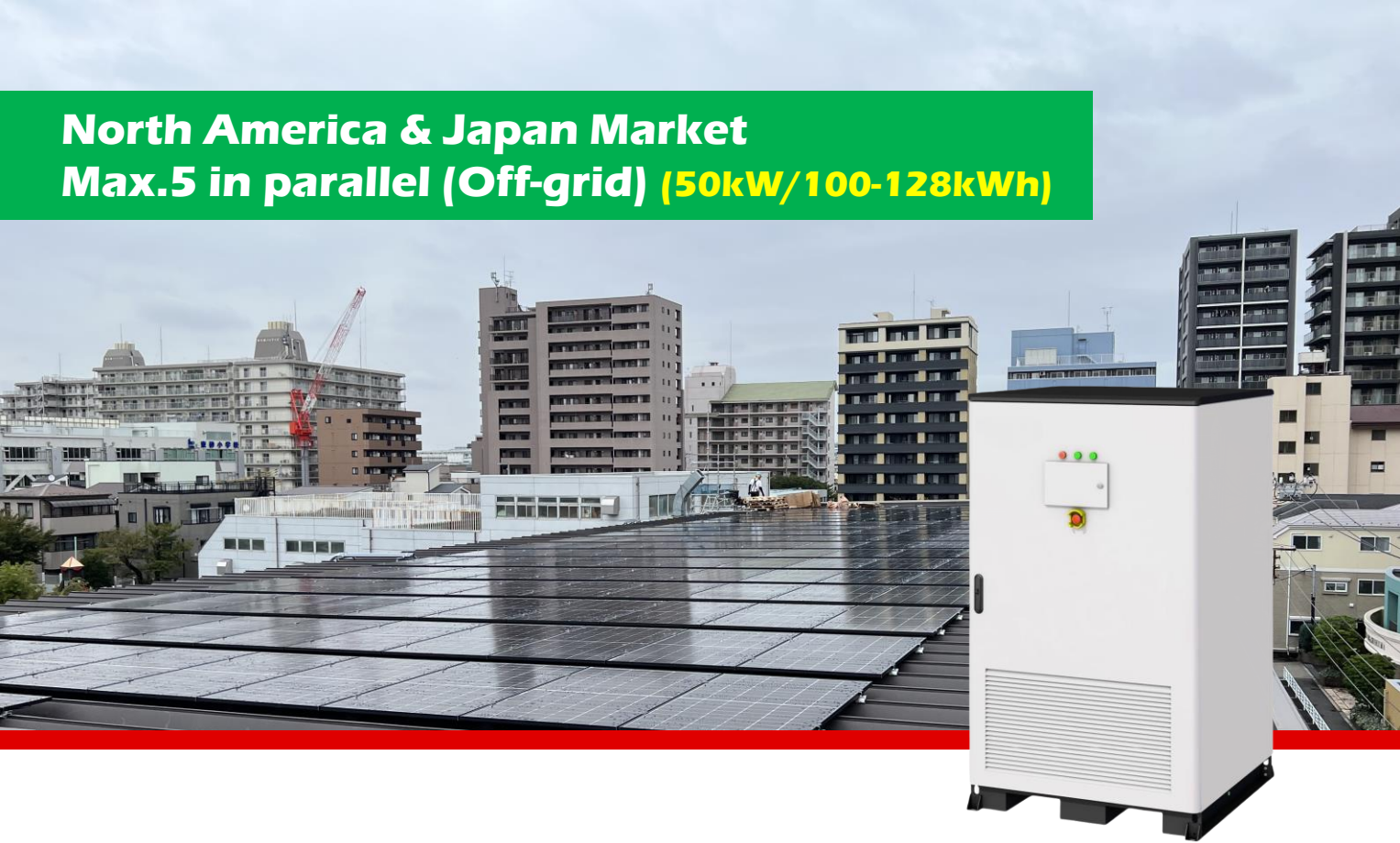


Model	60KWH-60KWM-CD1-HA1	141KWH-120KWM-CD2-HA1	172KWH-120KWM-CD2-HA1
Battery			
Battery type	LiFePO4		
Rated energy	60kWH	141kWH	172kWH
Cooling method	Fan	Air-Conditioner	Air-Conditioner
Fast Charger			
Gun type	GBT/CCS1/CCS2/CHAdEMO		
Max. charger power	60kW	120kW	120kW
Charger voltage range	200 ~ 750Vdc	200 ~ 1000Vdc	200 ~ 1000Vdc
Charger current	0 ~ 150A	0 ~ 250A	0 ~ 250A
Operation mode	Single-Alone/OCPP1.6J		
Quantity of Gun	1	2	2
Gun wire length	5m	8m	8m
DC Recharger			
Max. recharge power	30kW	60kW	60kW
Socket type	GBT/CCS1/CCS2/CHAdEMO		
AC Recharger			
AC type	3-phase(L1/L2/L3/N/PE)		
Max. recharge power	30kW		
PV Recharger			
Max. power	38kW	60kW	60kW
Max. PV voltage	850Vdc		
MPPT voltage range	200 ~ 820Vdc		
Quantity of MPPT Channel	2	4	4
AC OUT (Off-grid)			
Rated power	30kW	60kW	60kW
AC voltage	400Vac/230Vac (3-phase)		
Rated frequency	50Hz/60Hz		
Max. AC current	43A	80A	80A
General parameter			
Communication type	RS485 / WiFi		
Protection grade	IP54		
Fire protection system	Aerosol		
Operating temperature	-15 ~ 50℃		
Humidity range	5% ~ 95%		
Altitude	<3000m		
PCS cooling method	Intelligent air cooling		
Dimensions(W*D*H)	1100*850*1050mm	1700*1350*1000mm	1800*1650*1050mm
Weight	750kg(about)	1400kg(about)	1550kg(about)

* The Parameters are for reference only, the actual product shall prevail support customization, and on-demand customization



North America & Japan Market
Max.5 in parallel (Off-grid) (50kW/100-128kWh)



Hybrid Inverter + LiFePO4 Battery
+MPPT + Generator Port



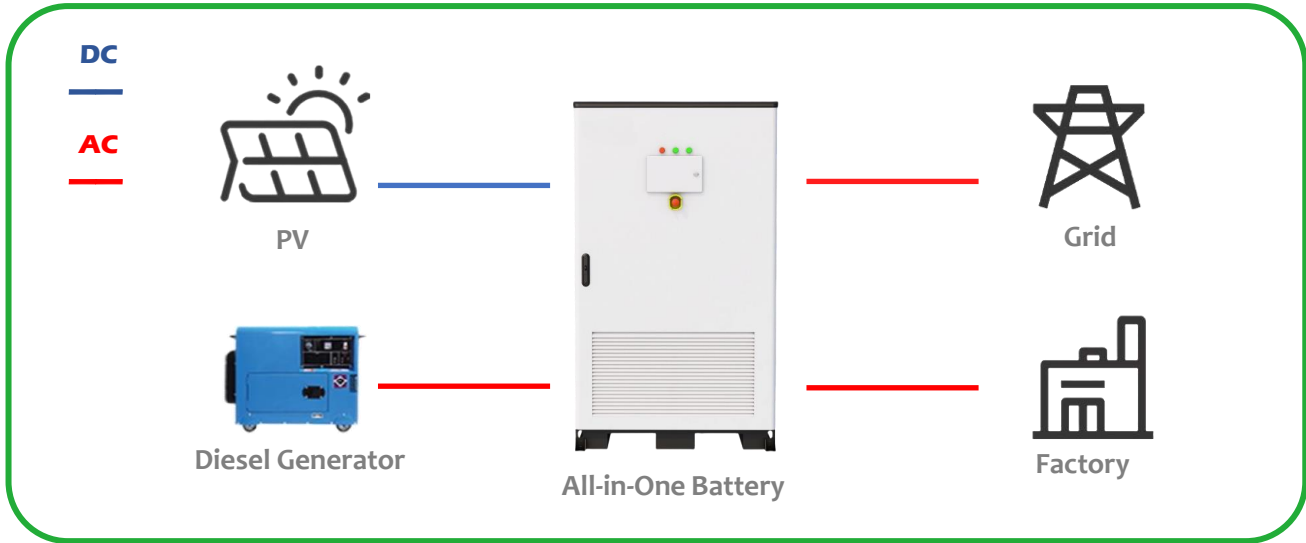
Integrated
BMS/PCS/EMS



Integrated fire protection
And Air-conditioner



Automotive
Grade Process



Durable C&I ESS Choose CSPower



Model	100kWH+50kW/IP54	115kWH+50kW/IP54	128kWH+50kW/IP54
	CS-100KWH-50KH3M-HN1	CS-115KWH-50KH3M-HN1	CS-128KWH-50KH3M-HN1
Battery			
Battery type	LifePO4		
Rated energy	100kWH	115kWH	128kWH
Max.work current	200A		
PV			
Max.power	70kW		
Max.PV voltage	850Vdc		
MPPT voltage range	200 ~ 850Vdc		
Max. PV current	30A+30A+30A+30A		
MPPT Channels	4		
AC (On-grid)			
Rated power	50kW		
AC voltage	208Vac/120Vac,230Vac/133Vac,480Vac/277Vac		
Rated frequency	50Hz/60Hz		
Max. AC current	50A		
AC (Off-grid)			
Rated power	50kW		
AC voltage	208Vac/120Vac,230Vac/133Vac,480Vac/277Vac		
Rated frequency	50Hz/60Hz		
Max. AC current	72A		
Switching time	< 20ms		
Max. Parallet numbel	5		
General Parameter			
Communication type	RS485/WiFi		
IP grade	IP54		
Frie protection system	Yes		
Operating temperature	-10 ~ 55℃		
Humidity range	5% ~ 95%		
Altitude	< 3000m		
Battery cooling method	Air-Conditioner		
PCS cooling method	Intelligent cooling		
Dimensions(W*D*H)	1060*1035*1850mm	1060*1035*1850mm	1060*1035*1850mm
Weight	1350kg (about)	1470kg (about)	1500kg (about)

* The Parameters are for reference only, the actual product shall prevail support customization, and on-demand customization



Max.5 in Parallel (50kW/100-128kWh)
Hybrid ESS Integrated MPPT and GEN Port



Hybrid Inverter + LiFePO4 Battery
+MPPT + Generator Port



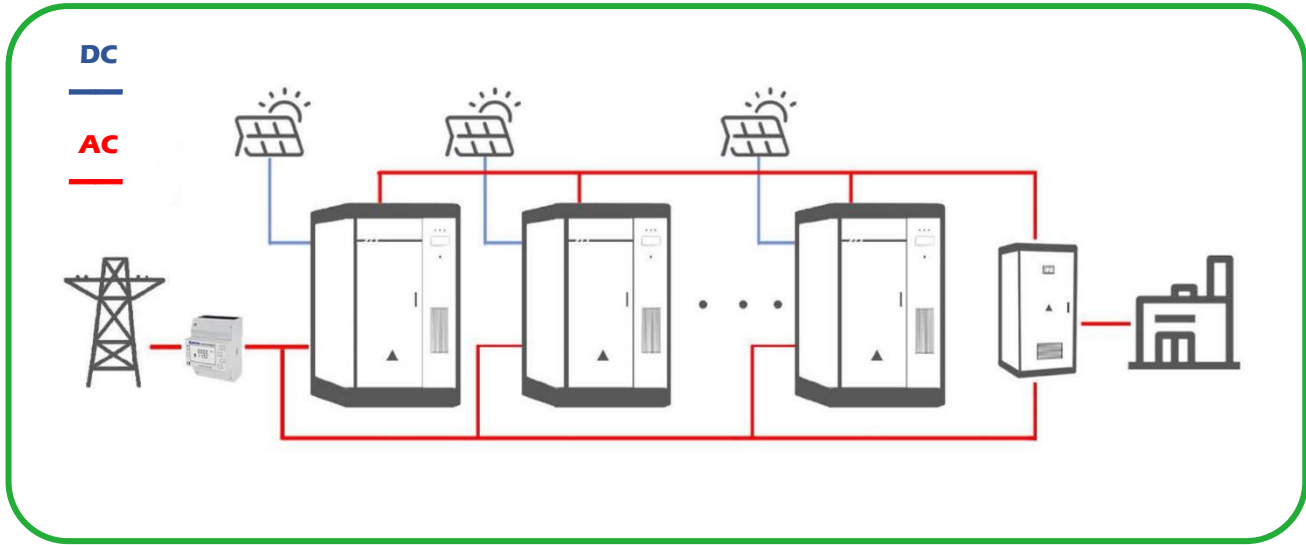
Integrated
BMS/PCS/EMS



Integrated fire protection
And Air-conditioner



Automotive
Grade Process



Model	100kWH+50kW/IP54	115kWH+50kW/IP54	128kWH+50kW/IP54
	CS-100KWH-50KH3M-HN2	CS-115KWH-50KH3M-HN2	CS-128KWH-50KH3M-HN2
Battery			
Battery type	LifePO4		
Rated energy	100kWH	115kWH	128kWH
Max.work current	200A		
PV			
Max.power	70kW		
Max.PV voltage	850Vdc		
MPPT voltage range	200 ~ 850Vdc		
Max. PV current	30A+30A+30A+30A		
MPPT Channels	4		
AC (On-grid)			
Rated power	50kW		
AC voltage	400Vac/230Vac(L1/L2/L3/N/PE)		
Rated frequency	50Hz/60Hz		
Max. AC current	50A		
AC (Off-grid)			
Rated power	50kW		
AC voltage	400Vac/230Vac(L1/L2/L3/N/PE)		
Rated frequency	50Hz/60Hz		
Max. AC current	72A		
Switching time	< 20ms		
Max. Parallet numbel	5		
General Parameter			
Communication type	RS485/WiFi		
IP grade	IP54		
Frie protection system	Yes		
Operating temperature	-10 ~ 55℃		
Humidity range	5% ~ 95%		
Altitude	< 3000m		
Battery cooling method	Air-Conditioner		
PCS cooling method	Intelligent cooling		
Dimensions(W*D*H)	1060*1035*1850mm	1060*1035*1850mm	1060*1035*1850mm
Weight	1200kg (about)	1320kg (about)	1350kg (about)

* The Parameters are for reference only, the actual product shall prevail support customization, and on-demand customization



Industrial & Commercial Storage Project **Six Inquiry**



Country and region ?

01

Understand the application in Asia, Africa and Latin America or Europe and the United States, the grid voltage.

Whether there is mains electricity ?

02

Whether there is mains access, if there is mains access is connected to the grid, no mains access is off the grid, mains frequent power outages are mixed.

Whether there is photovoltaic ?

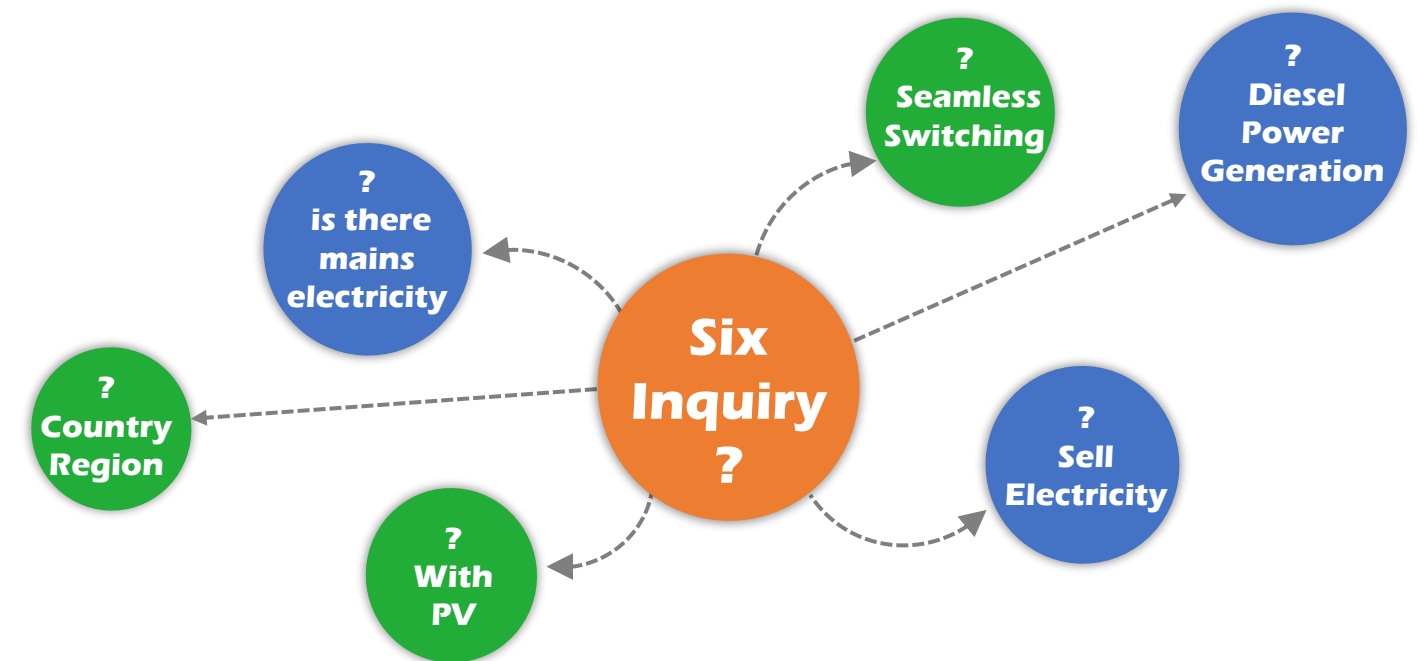
03

Whether there is photovoltaic access, how much photovoltaic access power rate.



Durable C&I ESS Choose CSPower

CSPower



Whether diesel power generation ?

04

Whether diesel power generation is configured or whether diesel power generation is considered in the future.

Whether to sell electricity ?

05

Whether it will sell electricity to the grid, or prohibit the sale of electricity to do anti-reflux.

Whether seamless switching ?

06

Whether it requires seamless switching between on-grid and off-grid (<20mS), or slow switching (about 10S).