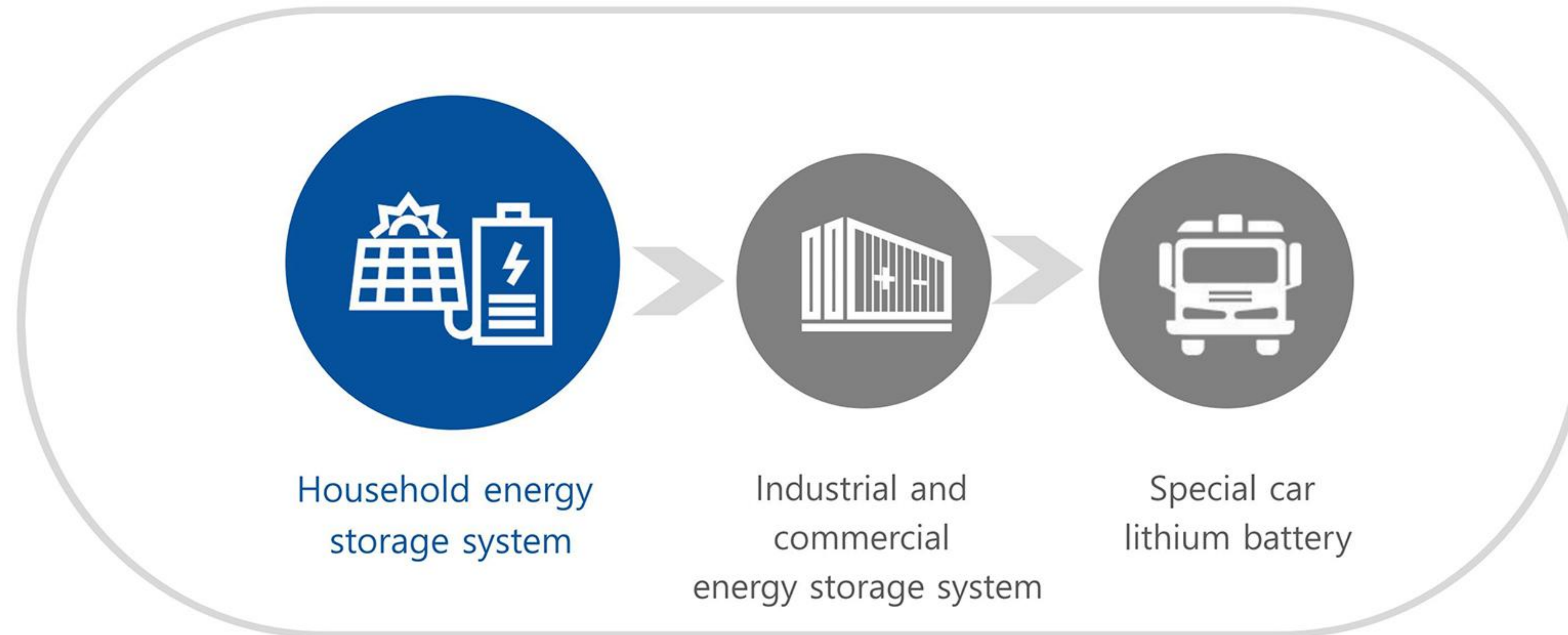
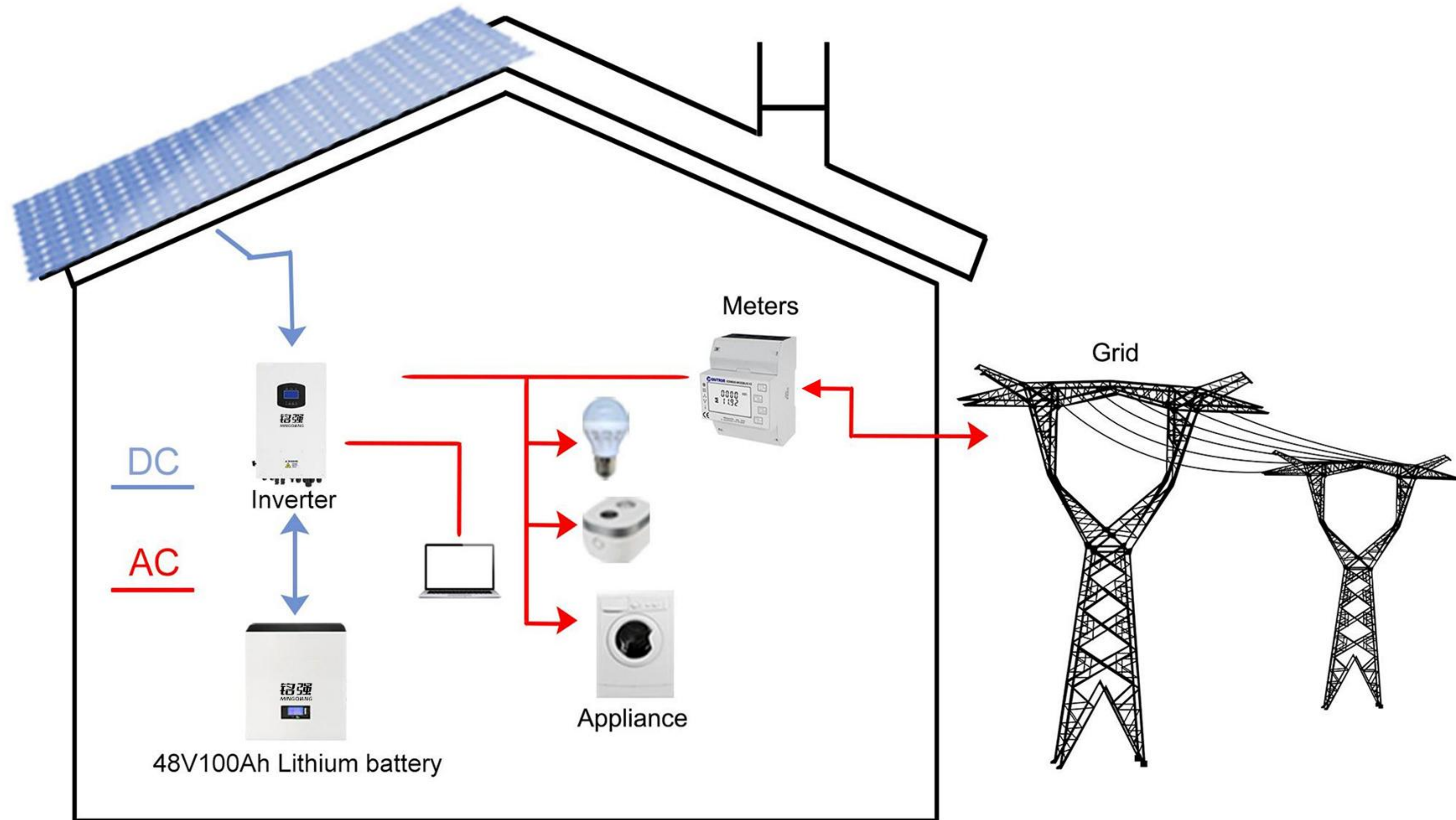


Household Energy Storage System



Household Energy Storage System



Lead-acid Replacement



Bluetooth



IP65 waterproof



Long cycle life



High rate & high current discharge

Battery Model	12V50Ah	12V100Ah	12V150Ah	12V200Ah
Nominal Voltage	12.8V	12.8V	12.8V	12.8V
Rated Capacity	50Ah	100Ah	150Ah	200Ah
End-of-Charge Voltage	14.6V	14.6V	14.6V	14.6V
End-of-Discharge Voltage	10.0V	10.0V	10.0V	10.0V
Max. Charge Current	25A	50/100A	50/150A	100A
Max. Discharge Current	50A	100A	100A	100/200A
Communication	BT/ RS485(optional)	BT/ RS485 (optional)	BT/ RS485 (optional)	BT/ RS485 (optional)
Size (mm)	230*140*210mm	330*175*215mm	485*170*240mm	520*240*220mm
Weight (kg)	6kg (about)	11.5kg (about)	17kg (about)	21kg (about)



Rack-mount LiFePO4 Battery



BMS self-developed



20 inverter protocols can be selected on the display



Support 15 in parallel



Standard 3U/ 4U/ 5U rack mount

Battery Model	5KWh	7.5KWh	10KWh	15KWh
Nominal Voltage	48V/51.2V	48V/51.2V	48V/51.2V	48V/51.2V
Rated Capacity	100Ah	150Ah	200Ah	280Ah
End-of-Charge Voltage	54.0/58.0V	54.0/58.0V	54.0/58.0V	54.0/58.0V
End-of-Discharge Voltage	39.0/42.0V	39.0/42.0V	39.0/42.0V	39.0/42.0V
Max. Charge Current	50/100A	75/100A	100A	100A/150A
Max. Discharge Current	100A	100A	150/200A	200A
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	442*420*133mm	442*450*190mm	442*420*266mm	400*715*230mm
Weight (kg)	40/43kg (about)	63/66kg (about)	85/88kg (about)	100/107kg (about)



Rack-mount LiFePO4 Battery (In Parallel)



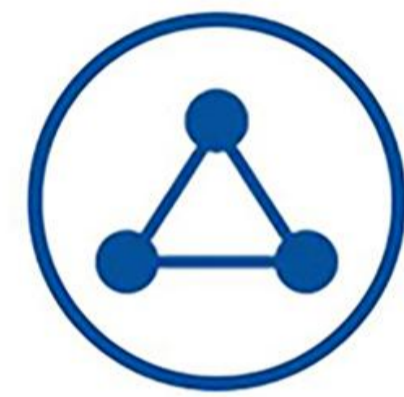
Compatible with 20+ mainstream



Two-level and three-level architecture



High reliability & high security



Cost-effective

Battery Model	25KWh	30KWh	40KWh	50KWh
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Rated Capacity	500Ah	600Ah	800Ah	1000Ah
End-of-Charge Voltage	58.0V	58.0V	58.0V	58.0V
End-of-Discharge Voltage	42.0V	42.0V	42.0V	42.0V
Max. Charge Current	300A	300A	300A	300A
Max. Discharge Current	400A	400A	500A	500A
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	600*600*950mm	600*600*1100mm	600*600*1400mm	600*600*1700mm
Weight (kg)	300kg (about)	370kg (about)	500kg (about)	600kg (about)



Wall Mount LiFePO4 Battery



20 inverter protocols can be selected on the display



Long cycle life



Support 15 in parallel



Ultra slim design



Battery Model	5KWh(IP65)	5KWh/A1	10KWh/A1	14.3KWh/A1
Nominal Voltage	48V/51.2V	48V/51.2V	48V/51.2V	48V/51.2V
Rated Capacity	100Ah	100Ah	200Ah	280Ah
End-of-Charge Voltage	54.0/58.0V	54.0/58.0V	54.0/58.0V	54.0/58.0V
End-of-Discharge Voltage	39.0/42.0V	39.0/42.0V	39.0/42.0V	39.0/42.0V
Max. Charge Current	100A	100A	100A	100A/150A
Max. Discharge Current	100A	100A	100/200A	100A/200A
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	770*520*90mm	600*410*140mm	850*485*145mm	850*420*230mm
Weight (kg)	42/44kg (about)	43/45kg (about)	84/89kg (about)	105/110kg (about)

Standing Type LiFePO4 Battery



Drive 10KW inverter



Long cycle life



Communication protocol customization



Easy to move

Battery Model	14.3KWh/A1	15KWh/A1	16KWh/A1	20KWh/A1
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Rated Capacity	280Ah	300Ah	314Ah	400Ah
End-of-Charge Voltage	58.0V	58.0V	58.0V	58.0V
End-of-Discharge Voltage	42.0V	42.0V	42.0V	42.0V
Max. Charge Current	200A	200A	200A	200A
Max. Discharge Current	200A	200A	200A	200A
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	420*240*840mm	470*237*690mm	490*255*740mm	510*293*970mm
Weight (kg)	119kg (about)	118kg (about)	119kg (about)	162kg (about)



A1

C1

P1

A1

Stacked Type LiFePO4 Battery



Compatible with 20+ Mainstream



Passed IEC62619 certification



Power expansion freely



BMS self-developed

Battery Model	5KWh*n(n=2~8)	10KWh*n(n=2~6)	15KWh*n(n=2~5)
Nominal Voltage	51.2V	51.2V	51.2V
Rated Capacity	100Ah*n	200Ah*n	300Ah
End-of-Charge Voltage	58.0V	58.0V	58.0V
End-of-Discharge Voltage	42.0V	42.0V	42.0V
Max. Charge Current	100A	100A	100A
Max. Discharge Current	100A	100A	100A
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	580*360*150mm	590*500*245mm	670*550*265mm
Weight (kg)	42kg (about)	75kg (about)	112kg (about)



HV Brick Type LiFePO4 Battery (10/ 15/ 20KWh)



BMS self-developed



Automotive grade process



Host integrated high voltage module



Power expansion freely

Battery Model	10KWh	15KWh	20KWh
Nominal Voltage	204V	307V	409V
Rated Capacity	50Ah	50Ah	50Ah
End-of-Charge Voltage	233V	350V	467V
End-of-Discharge Voltage	166V	249V	332V
Max. Charge Current	25A	25A	25A
Max. Discharge Current	50A	50A	50A
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	580*360*450mm	580*360*615mm	580*360*780mm
Weight (kg)	100kg (about)	140kg (about)	188kg (about)



Solar Hybrid Inverter (A series)



Support AC charge



Integrated UPS



High voltage PV MPPT



Support WiFi

Model	1KW/A1	3KW/A1	5KW/A1	11KW/A1
Battery Voltage	12VDC	24VDC	48VDC	48VDC
Rated Power	1KW	3.6KW	5KW	11KW
Rated Grid Voltage	230Vac	230Vac	230Vac	230Vac
Max PV Power	1KW	3KW	5.5KW	5.5KW*2
MPPT Voltage Range	20~100Vdc	40~450Vdc	120-430Vdc	90~450Vdc (Two channels)
Max. Parallel Number	/	/	6	3
IP Grade	IP21	IP21	IP21	IP21
Size (mm)	330*228*90mm	300*110*360mm	335*125*480mm	148*433*553mm
Weight (kg)	3.2Kg (about)	8Kg (about)	12Kg (about)	18.4Kg (about)



Solar Hybrid Inverter (RM/ SM/ FM series)



Support AC charge



High voltage PV MPPT



Integrated UPS



Support WiFi

Model	RM5KW/A1	FM5KW/B1	SM5KW/A1
Battery Voltage	48VDC	48VDC	48VDC
Rated Power	5KW	5KW	5KW
AC Voltage	230VAC	230VAC	230VAC
MPPT PV Power	5.5KW	5.5KW	5.5KW
MPPT Max.Voltage	500Vdc	500Vdc	500Vdc
MPPT Voltage Range	120~430Vdc	120~430Vdc	120~430Vdc
IP Grade	IP21	IP21	IP21
Size (mm)	442*420*133mm	585*360*155mm	430*230*440mm
Weight (kg)	10kg (about)	12kg (about)	13.5kg (about)



Solar Hybrid Inverter (48V/1-Phase)



IP65 waterproof



Low voltage 48V
LiFePO4 Battery



On/Off-grid and UPS

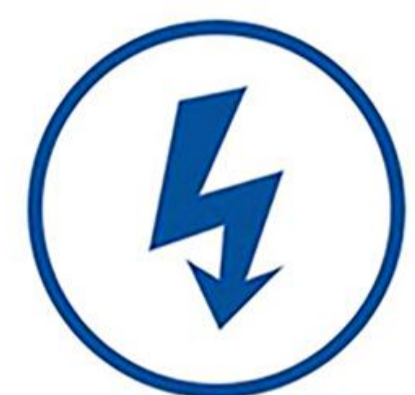


Max support 6 sets
parallel

Model	6KW/A1	8KW/A1	10KW/A1	12KW/A1
Battery Voltage	48VDC	48VDC	48VDC	48VDC
Rated Power	6KW	8KW	10KW	12KW
AC Voltage	230VAC	230VAC	230VAC	230VAC
MPPT PV Power	7.8KW	10.4KW	13KW	15.5KW
MPPT Voltage Range	500Vdc	500Vdc	550Vdc	500Vdc
MPPT Max.Voltage	150~425Vdc	150~425Vdc	150~425Vdc	150~425Vdc
IP Grade	IP65	IP65	IP65	IP65
Size (mm)	330*235*580mm	330*235*580mm	330*235*580mm	330*235*580mm
Weight (kg)	24kg (about)	30kg (about)	31kg (about)	31kg (about)



Solar Hybrid Inverter (12KW/ 3Phase)



Low voltage 48V
LiFePO4 Battery



IP65 waterproof



On/Off-grid and UPS



Max support 6 sets
parallel

Model	8KH3/A1	10KH3/A1	12KH3/A1
Battery Voltage	48VDC	48VDC	48VDC
Rated Power	8KW	10KW	12KW
AC Voltage	400VAC/ 230VAC	400VAC/ 230VAC	400VAC/ 230VAC
Max PV Power	10.4KW	13KW	15.6KW
Rated PV Voltage	550Vdc	550Vdc	550Vdc
MPPT Voltage Range	200~650Vdc	200~650Vdc	200~650Vdc
IP Grade	IP65	IP65	IP65
Size (mm)	458*280*650mm	458*280*650mm	458*280*650mm
Weight (kg)	35kg (about)	35kg (about)	35kg (about)



Solar Hybrid Inverter (20KW/ 30KW/ 50KW)



High voltage
LiFePO4 Battery



3 -phase AC output



On/Off-grid and UPS



IP65 waterproof

Model	20KH3/B1	30KH3/B1	50KH3/B1
Battery Voltage	160~700VDC	160~800VDC	160~800VDC
Rated Power	20KW	30KW	50KW
AC Voltage	400VAC/ 230VAC	400VAC/ 230VAC	400VAC/ 230VAC
MPPT DC Power	29KW	39KW	65KW
MPPT Max.Voltage	1000Vdc	1000Vdc	1000Vdc
MPPT Voltage Range	325-850Vdc	150-850Vdc	150-850Vdc
IP Grade	IP65	IP65	IP65
Size (mm)	460*250*685mm	570*320*945mm	570*320*945mm
Weight (kg)	30kg (about)	80kg (about)	84kg (about)



All-In-One ESS (Integrated Battery & Inverter)



Easy installation
wall plug for whole
house power supply



IP65 waterproof



Plug and play



Integrated
Battery and inverter

Battery Model	2.56KWh+800W(Europe)	2.56KWh+1.2KW(Europe)
Nominal Voltage	51.2V	51.2V
Rated Capacity	50Ah	50Ah
Rated Power	800W	1200W
Max. PV Power	22~60Vdc	22~60Vdc
Number of channels	2	2
AC Voltage	230Vac	230Vac
IP Grade	IP65	IP65
Size (mm)	505*105*690mm	505*105*690mm
Weight (kg)	31kg (about)	31kg (about)



Wall-mount All-In-One ESS



All-In-One
(Battery & Inverter)



High integration and
Easy installation



AC charge + PV
charge



Support UPS function

Battery Model	1.28KWh+1KW	2.56KWh+3KW	5.12KWh+5KW	10.24KWh+10KW
Nominal Voltage	12.8V	25.6V	51.2V	51.2V
Rated Capacity	100Ah	100Ah	100Ah	200Ah
Energy	1.28KWh	2.56KWh	5.12KWh	10.24KWh
Inverter Power	1KW	3KW	5KW	10KW
MPPT Voltage Range	20~100Vdc	40~450Vdc	120~430Vdc	90~450Vdc
IP Grade	IP20	IP20	IP20	IP20
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	280*150*400mm	450*140*570mm	500*150*730mm	620*150*1300mm
Weight (kg)	16kg(about)	30kg(about)	58kg(about)	95kg(about)



Standing Type All-In-One ESS



All-In-One
(Battery & Inverter)



High integration and
Easy installation



AC charge + PV
charge



Support UPS function

Battery Model	1.28KWh+1KW	2.56KWh+3KW	5.12KWh+5KW	14.3KWh+11KW
Nominal Voltage	12.8V	25.6V	51.2V	51.2V
Rated Capacity	100Ah	100Ah	100Ah	280Ah
Energy	1.28KWh	2.56KWh	5.12KWh	14.3KWh
Inverter Power	1KW	3KW	5KW	11KW
MPPT Voltage Range	20~100Vdc	40~450Vdc	120~430Vdc	90~450Vdc
IP Grade	IP20	IP20	IP20	IP20
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	355*220*415mm	370*225*515mm	450*270*610mm	510*377*770mm
Weight (kg)	18kg(about)	30kg(about)	51kg(about)	120kg(about)



Stackable Type All-In-One ESS(A-Series)



All-In-One
(Battery & Inverter)



High integration and
Easy installation



AC charge + PV
charge



Support UPS function

Battery Model	5KWh*n+5KW	10KWh*n+10KW	15KWh*n+11KW
Nominal Voltage	51.2V	51.2V	51.2V
Rated Capacity	100Ah*n	200Ah*n	280Ah*n
Energy	5KWh*n	10KWh*n	15KWh*n
Inverter Power	5KW	10KW	11KW
MPPT Voltage Range	120~430Vdc	120~430Vdc	120~430Vdc
IP Grade	IP20	IP20	IP20
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	590*550*462mm	590*550*545mm	590*550*760mm
Weight (kg)	71kg(about)	113kg(about)	115kg(about)



All-In-One ESS LiFePO4 Battery (A1/B1/P1)



All-In-One
(Battery & Inverter)



High integration and
Easy installation



AC charge + PV
charge



Support UPS function

Battery Model	5KWh+5KW-A1	5KWh*n+5KW-B1	5KWh*n+5KW-P1
Nominal Voltage	51.2V	51.2V	51.2V
Rated Capacity	100Ah*n	100Ah*n	100Ah*n
Energy	5KWh	5KWh	5KWh
Inverter Power	5KW	5KW	5KW
MPPT Voltage Range	120~430Vdc	120~430Vdc	120~430Vdc
IP Grade	IP20	IP20	IP20
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	430*230*850mm	430*230*850mm	550*170*865mm
Weight (kg)	55kg(about)	55kg(about)	57kg(about)



All-In-One ESS LiFePO4 Battery (IP65)



All-In-One
(Battery & Inverter)



High integration and
Easy installation



Cost-effective



Support UPS function

Battery Model	14.3KWh+6KW	16KWh+6KW
Nominal Voltage	51.2V	51.2V
Rated Capacity	280Ah	314Ah
Energy	14.3KWh	16KWh
Inverter Power	6KW	6KW
MPPT Voltage Range	90~450Vdc	90~450Vdc
IP Grade	IP20	IP20
Communication	RS485/WiFi	RS485/WiFi
Size (mm)	1120*480*225mm	1120*480*225mm
Weight (kg)	124kg(about)	130kg(about)



Rack Mount All-In-One ESS(IP20)



Support PV and grid charging



Integrated Battery and inverter



High reliability & high security



Cost-effective

Battery Model	15KWh+10KW	20KWh+10KW	25KWh+15KW	30KWh+15KW
Battery Energy	15KWh	20KWh	25KWh	30KWh
PCS Power	10KW	10KW	15KW	15KW
MPPT Power	10KW(2Channels)	10KW(2Channels)	15KW(3Channels)	15KW(3Channels)
MPPT Voltage Range	90~450Vdc	90~450Vdc	90~450Vdc	90~450Vdc
AC Voltage	230Vac	230Vac	400Vac/230Vac	400Vac/230Vac
IP Grade	IP20	IP20	IP20	IP20
Communication	RS485/ WiFi	RS485/ WiFi	RS485/ WiFi	RS485/ WiFi
Size (mm)	670*800*1000mm	670*800*1000mm	670*800*1400mm	670*800*1400mm
Weight (kg)	300kg(about)	350kg(about)	450kg(about)	500kg(about)



东莞市钧赫电子科技有限公司
Dongguan Junhe Electronic Technology Co., Ltd

Based on long-term business and customer focus
Continue to create competitive products