

Standing type All-In-One ESS(Low Power)

1.28~7KWh-1~3.6KW



All-In-One
(Battery & Inverter)



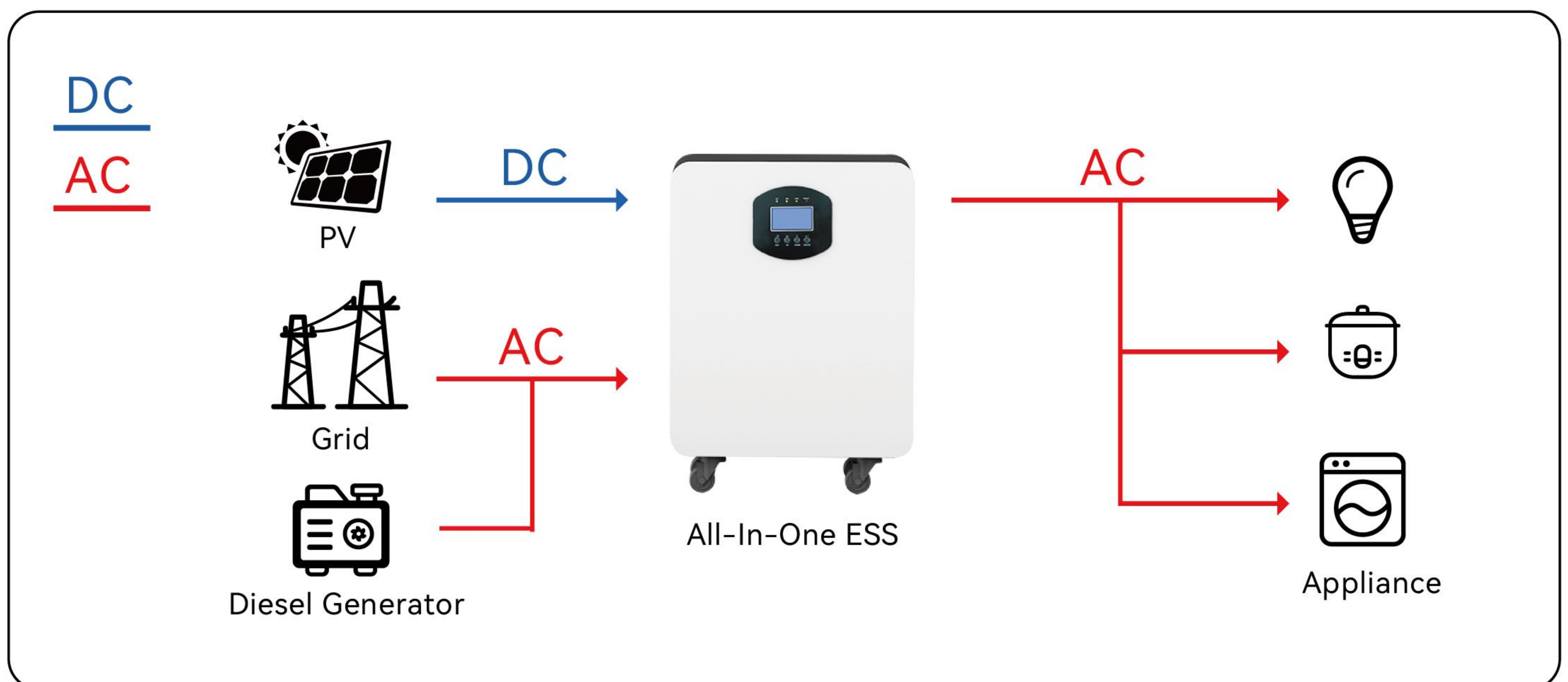
High integration and
easy instalation



Support AC charge
and PV charge



Support UPS function



	1.25kWh+1kW	2.56kWh+3kW	7.17kWh+3.6kW	5.12kWh+5kW
Model	IYP-ST1K3A-1KF1-B1	IYP-ST2K5A-3KF1-B1	IYP-ST7K1A-3K6F1-B1	IYP-ST5K1A-5KF1-B1
Battery				
Battery Type	LiFePO4 Battery			
Battery Energy	1.28kWh	2.56kWh	7.17kWh	5.12kWh
Nominal Voltage	12.8V	25.6V	25.6V	51.2V
Rated Capacity	100Ah	100Ah	280Ah	100Ah
Voltage Range	10.0~14.0V	22.0~29.0V	22.0~29.0V	43.0~58.0V
PV				
Max.Power	1kW	3.6kW	3.6kW	5.5kW
Max.PV Voltage	105Vdc	500Vdc	500Vdc	500Vdc
MPPT Voltage Range	20~100Vdc	40~450Vdc	120~430Vdc	120~430Vdc
Max. PV Charge Current	50A	60A	60A	80A
AC Output				
Rated Power	1kW	3kW	3kW	5kW
AC Voltage	230Vac±5%			
AC Frequency	50Hz/60Hz			
Efficiency	≥91%	≥94%	≥94%	≥94%
Transfer time	10ms (for PC)20ms (for Appliance)			
Waveform	Pure sine wave			
AC Input				
Rated AC Voltage	230Vac			
AC Voltage Range	170~280Vac(for PC)90~280Vac(for Applis)			
Frequency Range	50Hz/60Hz(Auto sensing)			
General Parameters				
Altitude	≤2000m			
Humidity	5%~95%			
Work Temperature	-10℃~50℃			
IP Grade	IP20			
Communication	RS485/WiFi			
Size(mm)	355*220*415mm	355*220*415mm	480*240*741mm	450*270*610mm
Weight(kg)	15kg(about)	15kg(about)	60kg(about)	51kg(about)



Tel
0312-8631-030
0312-7510-203



Standing type All-In-One ESS(High Power) 5~15KWh-5~11KW



All-In-One
(Battery & Inverter)



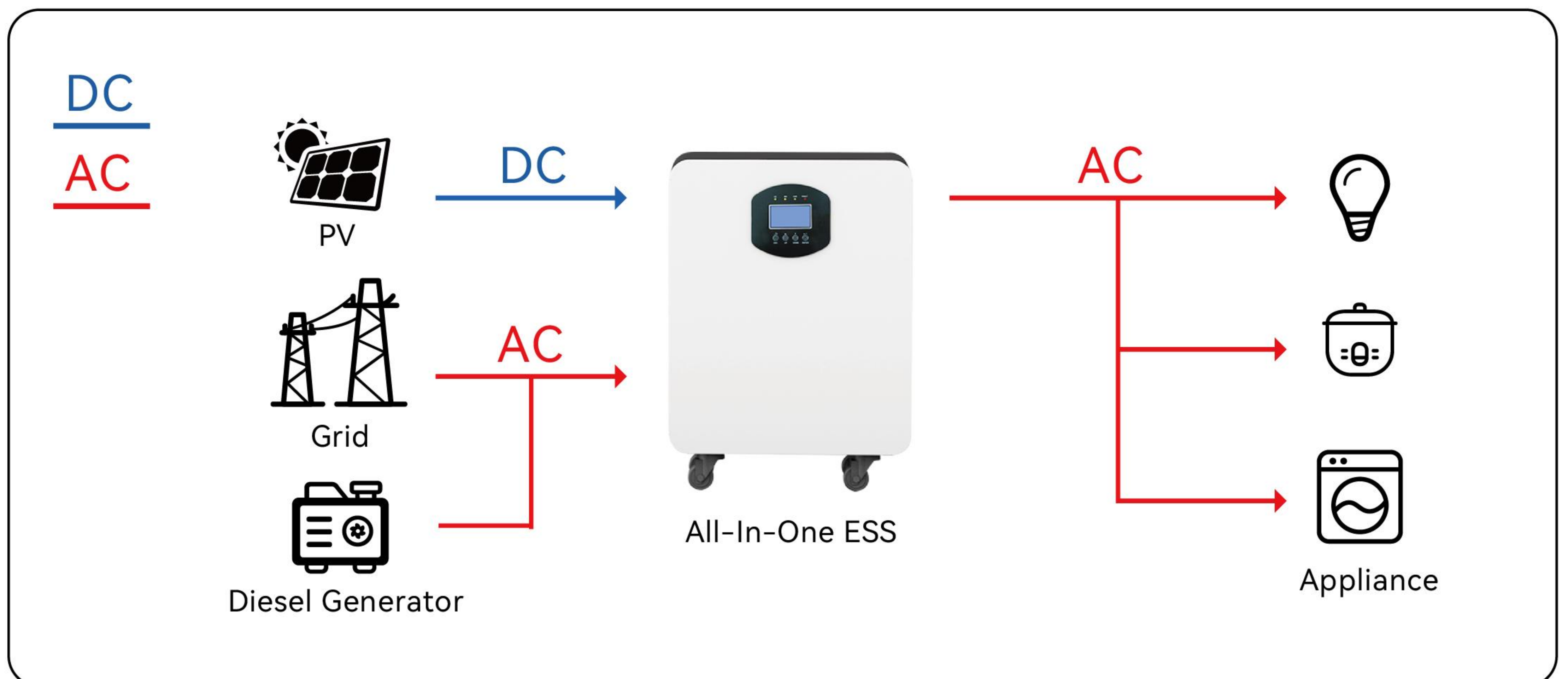
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Support AC charge
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Support UPS function



	10.24kWh+5kW	10.24kWh+10kW	14.3kWh+10kW	16kWh+10kW
Model	IYP-ST10K2A-5KF1-B1	IYP-ST10K2A-10KF1-B1	IYP-ST14K3A-11KF1-B1	IYP-ST16K1A-5KF1-B1
Battery				
Battery Type	LiFePO4 Battery			
Battery Energy	10.24kWh	10.24kWh	14.3kWh	16kWh
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Rated Capacity	200Ah	200Ah	280Ah	314Ah
Voltage Range	43.0~58.0V			
PV				
Max.Power	5.5kW	10.4kW (5.2kW*2)	10.4kW (5.2kW*2)	10.4kW (5.2kW*2)
Max.PV Voltage	500Vdc	500Vdc	500Vdc	500Vdc
MPPT Voltage Range	120~430Vdc	90~450Vdc	90~450Vdc	90~450Vdc
Max. PV Charge Current	80A	80A*2	80A*2	80A*2
AC Output				
Rated Power	5kW	10kW	11kW	11kW
AC Voltage	230Vac±5%			
AC Frequency	50Hz/60Hz			
Efficiency	≥94%	≥94%	≥94%	≥94%
Transfer time	10ms (for PC)20ms (for Appliance)			
Waveform	Pure sine wave			
AC Input				
Rated AC Voltage	230Vac			
AC Voltage Range	170~280Vac(for PC)90~280Vac(for Applis)			
Frequency Range	50Hz/60Hz(Auto sensing)			
General Parameters				
Altitude	≤2000m			
Humidity	5%~95%			
Work Temperature	-10℃~50℃			
IP Grade	IP20			
Communication	RS485/WiFi			
Size(mm)	485*270*760mm	505*306*820mm	510*377*770mm	510*376*710mm
Weight(kg)	88kg(about)	105kg(about)	120kg(about)	142kg(about)



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