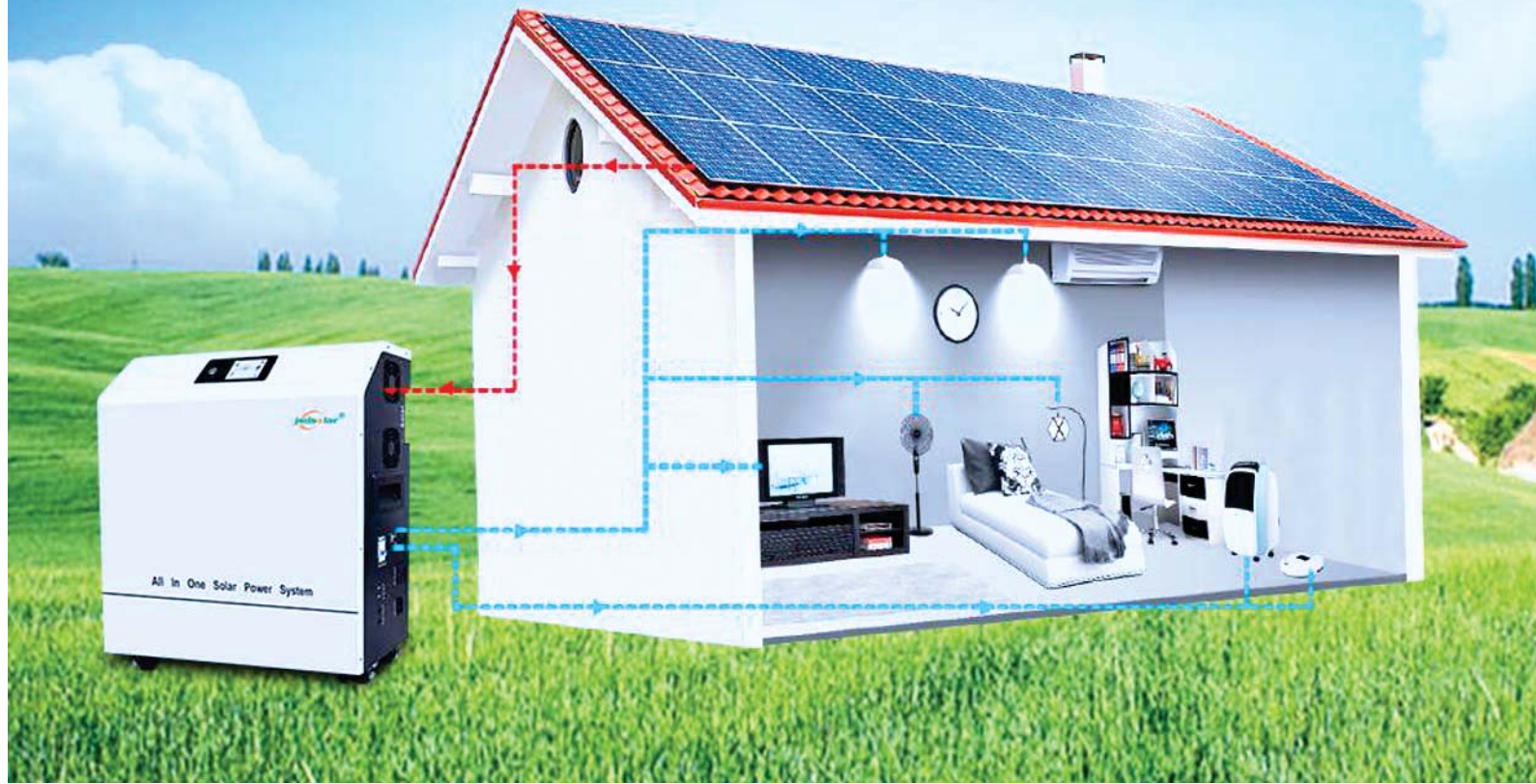
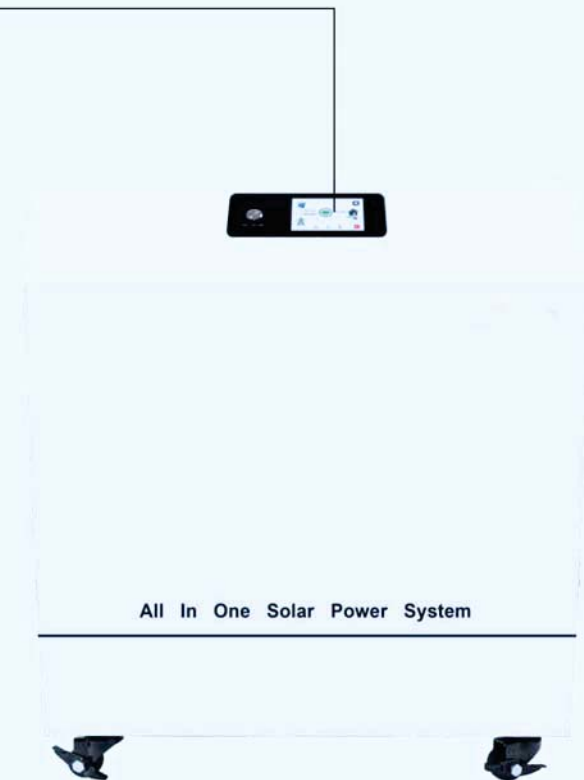
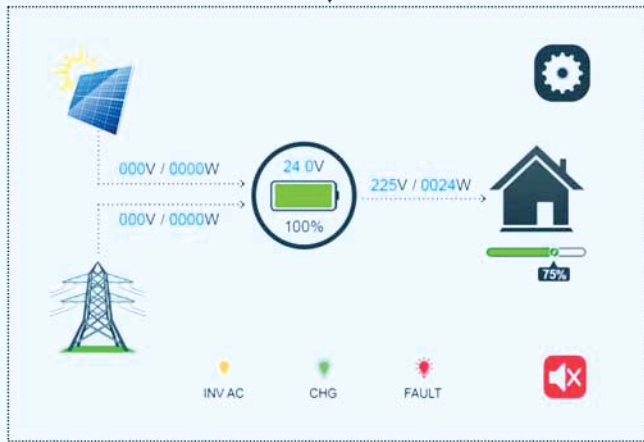
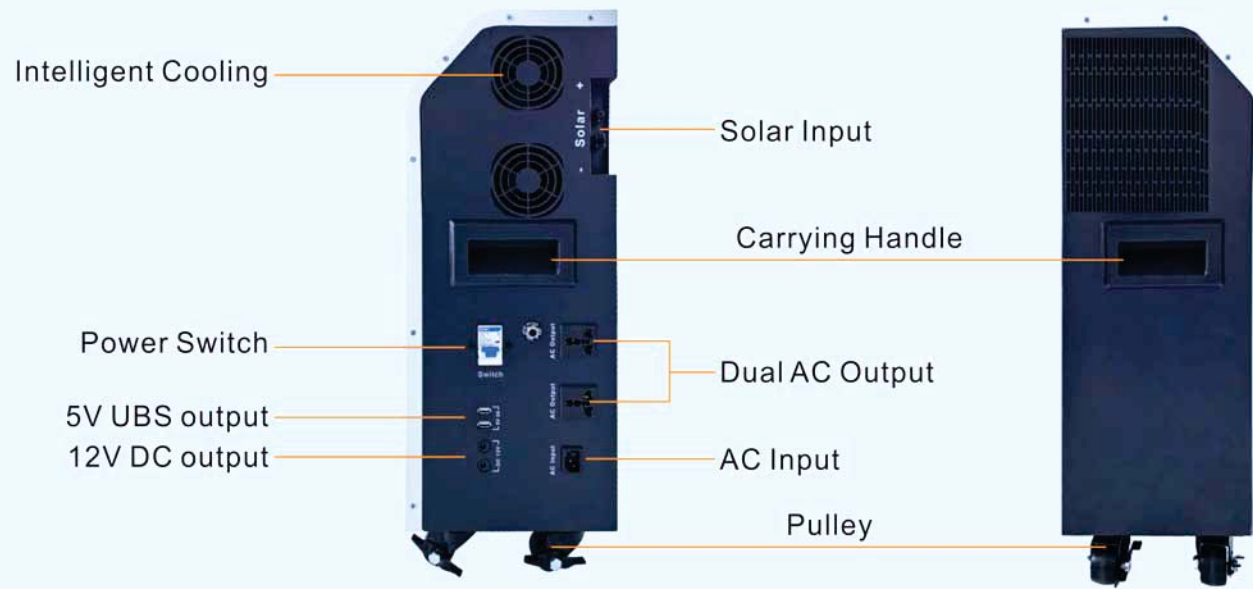


5KW All-In-One Solar Power System





1. Colorful display interface
2. Touch setting screen
3. Portable handlebars and easy mobility wheels design
4. All in one plug and play design to replace complicated cable connect procedure



5KW Solar Inverter

Power	5KW
Solar Charge&AC Charge	
Solar Charge type	MPPT
Max. PV Array Power	5000W
Max.PV Array Open Circuit	500VDC
PV Array MPPT Voltage Range	120VDC~450VDC
Max. Solar Charge Current	80A
Max. AC Charge Current	60A
Battery	
Battery Voltage	48VDC
Floating Battery Voltage	54VDC
OverCharge Battery Voltage	63V DC
Charging Method	CC/VC

Input	
Nominal Voltage	220/230V
Frequency	50/60Hz
Output	
Nominal Voltage	220/230VAC+5%
Surge Power	1000VA
Frequency	50/60Hz
Waveform	Pure Sinewave
Peak Efficiency (PV to INV)	97%
Peak Efficiency (Battery to INV)	93%

Operation with battery connected

1 Solar power and AC power available



2 Solar power and AC power not available



Operation without battery connected

3 Solar power available



4 AC power available



5KWH LiFePO4 Battery

ELECTRICAL SPECIFICATIONS	
Rated Voltage	51.2V
Rated Capacity	100Ah
Capacity@25A	192min
Energy	5120Wh
Resistance	10~25mΩ
Efficiency	99%
Self Discharge	3% per month
Maximum Modules in Parallel	/

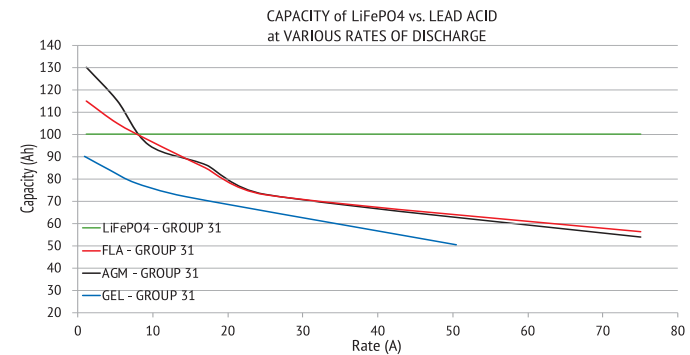
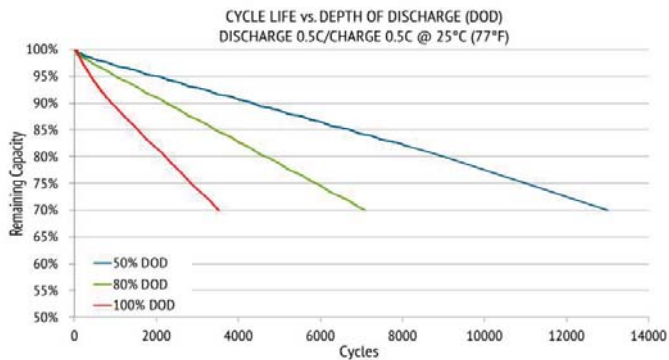
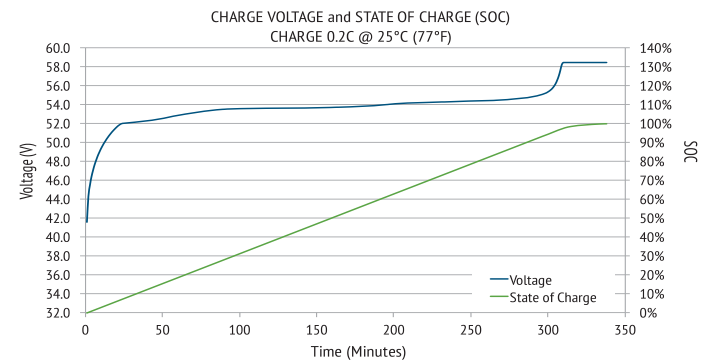
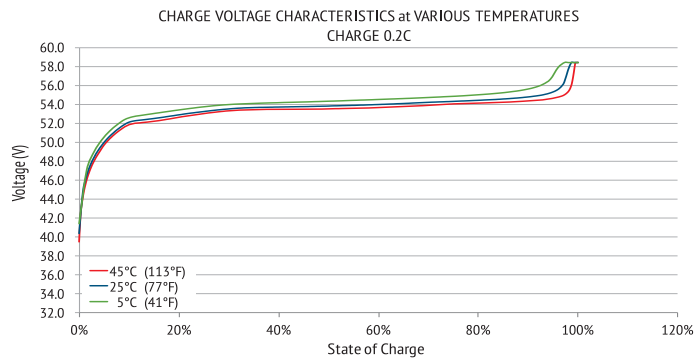
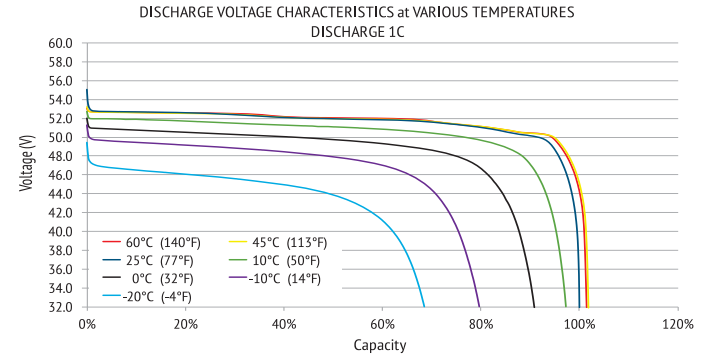
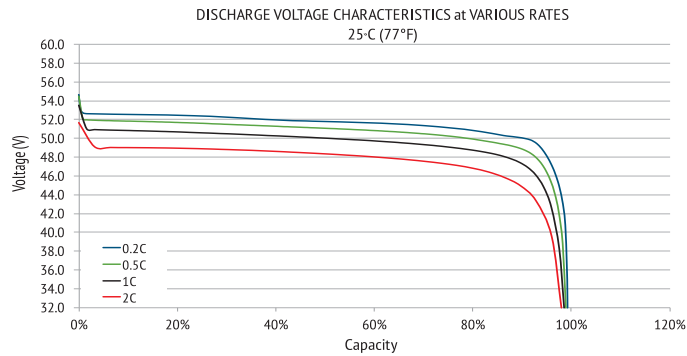
DISCHARGE SPECIFICATIONS	
Continuous Discharge Current	100A
Peak Discharge Current	150A
BMS Discharge Current Disconnect	200A
Recommended Low Voltage Disconnect	43.2±0.1V
BMS Low Voltage Disconnect	40V
Reconnect Voltage	40.5V

MECHANICAL SPECIFICATIONS	
Dimension	450*200*250mm
Weight	42KG
Terminal Type & Wire	Anderson connector 16mm ²
Case Material	Steel Case
Enclosure Protection	IP65
Discharge Temperature	-15°C to 55°C
Charge Temperature	-15°C to 55°C
Storage Temperature	-5°C to 35°C

CHARGE SPECIFICATIONS	
Recommended Charge Current	≤50A
Maximum Charge Current	100A
Recommended Charge Current	200A
Maximum Charge Voltage	57V
Charge Current -10°C to 0°C	≤0.1C
Charge Current -20°C to 10°C	≤0.05C



Performance Characteristics



Application

Make your life be full of sunshine



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