






New Energy Generator REDEFINING YOUR POWER SUPPLY



Boyang new energy generator is a new off-grid solar power generation system which is revolutionary, and has its own intellectual property rights. It uses high quality and high efficiency planar crystalline silicon solar modules, Maximum Power Point Tracking (MPPT) solar controller, Long-life lithium iron phosphate battery, cutting-edge Synchronized Charging and Discharging (SCD) technology, and adds multiple protection design. G-Power system can meet the power supply needs of families in different countries.

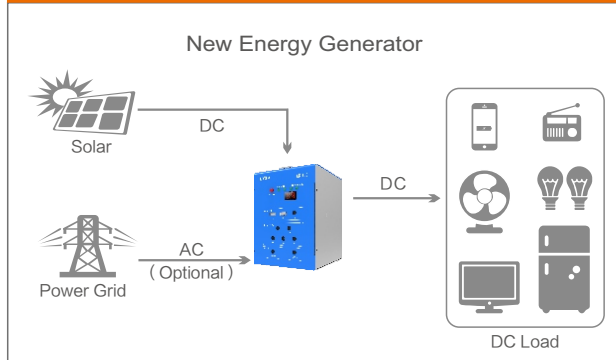
The system adopts modular design, and integrates photovoltaic modules, controller, inverter, energy storage, input port, output port, bracket and display module. It can be widely used in areas without electricity and areas with unstable electricity. G-Power system can replace diesel generators for power

High Cost Performance	High-quality			
				
Only 10 cents/kWh	One year guarantee	20 year linear guarantee	Charge and discharge 3000 times	Free replacement of batteries after 10 years

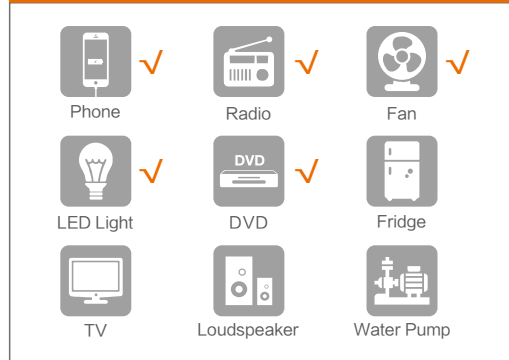
CORE STRENGTHS

 Multiple Technology Extreme Experience	 24H Continuous Power Supply	 Modular Design Simple & Efficient	 Integrated Design Easy Choice
 High Power Output Strong Power Supply	 Ten Electric Protection Safe & Reliable	 High Performance LFP Battery	 Support Various Payment Methods

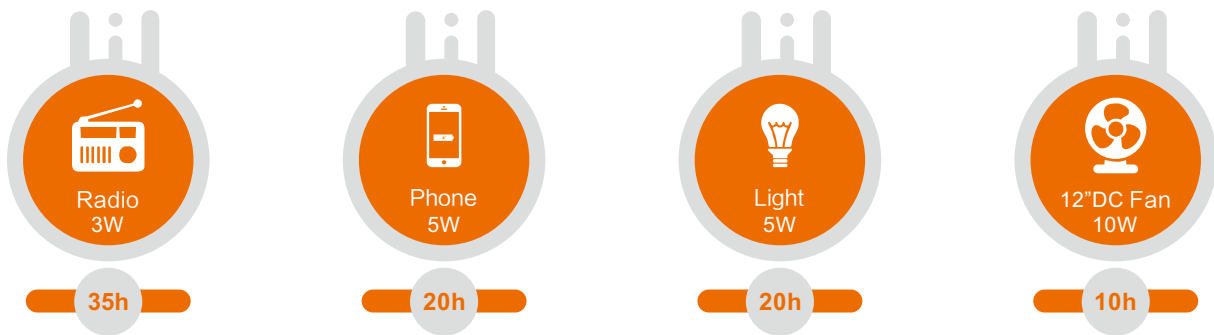
Working principle



Application Examples



Applicable to



The above is the running time of loading single appliance

24h uninterrupted on-load power: 5W

GP-100 System Parameter

Battery Capacity	50Wh	Controller	PWM(Pulse-Width Modulation)
Battery Type	Lithium Iron Phosphate Battery	Input Voltage Range	16V-22V
Acceptable Temperature of Battery	Discharging-10°C-60°C; Charging0°C-45°C	Maximum Charging Current	5A
Cycle Times of Battery	Over 3000 Times	Rated Power	30W
PV Module Capacity	20Wp	DC Power Conversion Efficiency	≥90%
5V DC Output	2USB,1Circular Interface	Cooling Mode	Natural Cooling
12V DC Output	3Circular Interface	Over-temperature Protection	≥60°C protection, ≤55°C recovery
Size	485x360x25mm	Short-circuit Protection	Automatically power off when error, recovery after restart
Weight	2.0kg		

Certification & Patent








New Energy Generator REDEFINING YOUR POWER SUPPLY



Boyang new energy generator is a new off-grid solar power generation system which is revolutionary, and has its own intellectual property rights. It uses high quality and high efficiency planar crystalline silicon solar modules, Maximum Power Point Tracking (MPPT) solar controller, Long-life lithium iron phosphate battery, cutting-edge Synchronized Charging and Discharging (SCD) technology, and adds multiple protection design. G-Power system can meet the power supply needs of families in different countries.

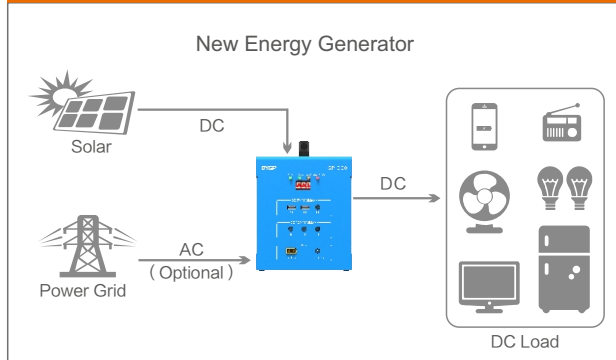
The system adopts modular design, and integrates photovoltaic modules, controller, inverter, energy storage, input port, output port, bracket and display module. It can be widely used in areas without electricity and areas with unstable electricity. G-Power system can replace diesel generators for power

<p>High Cost Performance</p>  <p>Only 10 cents/kWh</p>	<p>High-quality</p>			
 <p>HOST</p> <p>One year guarantee</p>	 <p>MODULE</p> <p>20 year linear guarantee</p>	 <p>ENERGY STORAGE</p> <p>Charge and discharge 3000 times</p>	 <p>BATTERIES</p> <p>Free replacement of batteries after 10 years</p>	

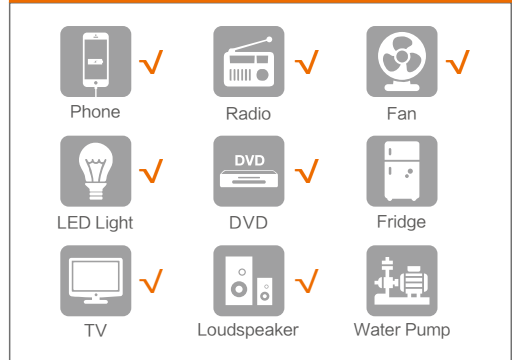
CORE STRENGTHS

- | | | | |
|---|--|--|--|
|  <p>Multiple Technology
Extreme Experience</p> |  <p>24H Continuous
Power Supply</p> |  <p>Modular Design
Simple & Efficient</p> |  <p>Integrated Design
Easy Choice</p> |
|  <p>High Power Output
Strong Power Supply</p> |  <p>Ten Electric Protection
Safe & Reliable</p> |  <p>High Performance
LFP Battery</p> |  <p>Support Various
Payment Methods</p> |

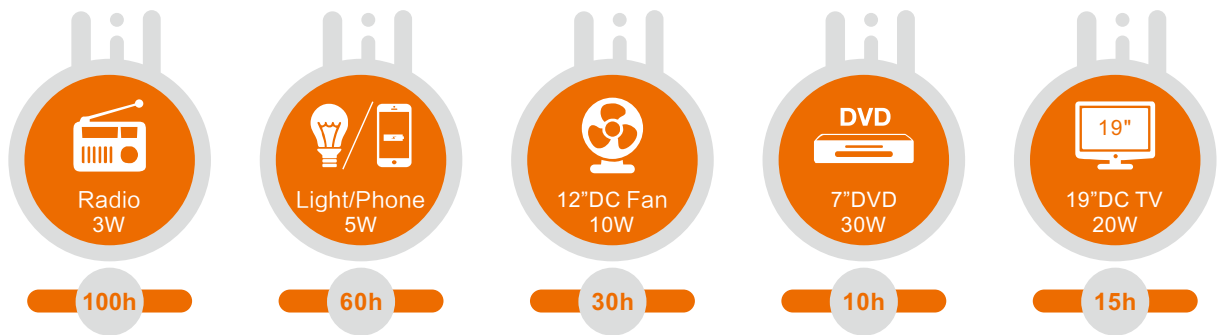
Working principle



Application Examples



Applicable to



The above is the running time of loading single appliance

24h uninterrupted on-load power: 10W

GP-300 System Parameter

Battery Capacity	150Wh	Controller	PWM(Pulse-Width Modulation)
Battery Type	Lithium Iron Phosphate Battery	Input Voltage Range	16V-22V
Acceptable Temperature of Battery	Discharging-10°C-60°C; Charging 0°C-45°C	Maximum Charging Current	5A
Cycle Times of Battery	Over 3000 Times	Rated Power	60W
PV Module Capacity	60Wp	DC Power Conversion Efficiency	≥90%
5V DC Output	2USB, 1Circular Interface	Cooling Mode	Natural Cooling
12V DC Output	3Circular Interface	Over-temperature Protection	≥60°C protection, ≤55°C recovery
Size	150x150x219mm	Short-circuit Protection	Automatically power off when error, recovery after restart
Weight	2.8kg		

Certification & Patent



New Energy Generator

REDEFINING YOUR POWER SUPPLY



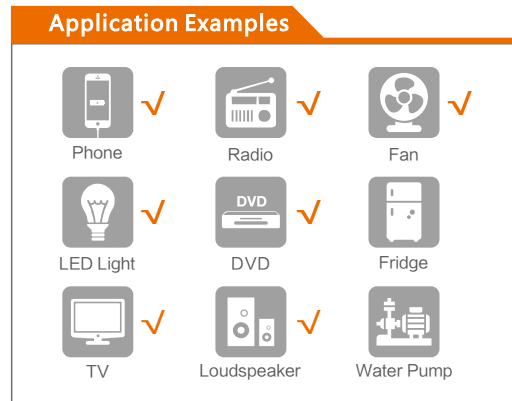
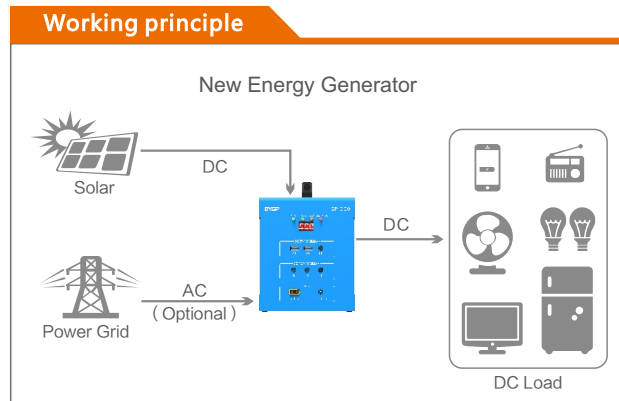
Boyang new energy generator is a new off-grid solar power generation system which is revolutionary, and has its own intellectual property rights. It uses high quality and high efficiency planar crystalline silicon solar modules, Maximum Power Point Tracking (MPPT) solar controller, Long-life lithium iron phosphate battery, cutting-edge Synchronized Charging and Discharging (SCD) technology, and adds multiple protection design. G-Power system can meet the power supply needs of families in different countries.

The system adopts modular design, and integrates photovoltaic modules, controller, inverter, energy storage, input port, output port, bracket and display module. It can be widely used in areas without electricity and areas with unstable electricity. G-Power system can replace diesel generators for power

High Cost Performance Only 10 cents/kWh	High-quality			
 One year guarantee	 20 year linear guarantee	 Charge and discharge 3000 times	 Free replacement of batteries after 10 years	

CORE STRENGTHS

- Multiple Technology
Extreme Experience
- 24H Continuous
Power Supply
- Modular Design
Simple & Efficient
- Integrated Design
Easy Choice
- High Power Output
Strong Power Supply
- Ten Electric Protection
Safe & Reliable
- High Performance
LFP Battery
- Support Various
Payment Methods



Applicable to

- Off-Grid Areas
- Field
- Home
- Small Business
- Office
- Emergency Power Supply

- Radio 3W**: 200h
- Light/Phone 5W**: 120h
- 12"DC Fan 10W**: 60h
- 7" DVD 30W**: 20h
- 19" DC TV 20W**: 30h

The above is the running time of loading single appliance

24h uninterrupted on-load power: 20W

GP-600 System Parameter

Battery Capacity	300Wh	Controller	PWM(Pulse-Width Modulation)
Battery Type	Lithium Iron Phosphate Battery	Input Voltage Range	16V-22V
Acceptable Temperature of Battery	Discharging-10°C-60°C; Charging 0°C-45°C	Maximum Charging Current	5A
Cycle Times of Battery	Over 3000 Times	Rated Power	100W
PV Module Capacity	120Wp	DC Power Conversion Efficiency	≥90%
5V DC Output	2USB, 1Circular Interface	Cooling Mode	Natural Cooling
12V DC Output	3Circular Interface	Over-temperature Protection	≥60°C protection, ≤55°C recovery
Size	150x150x219mm	Short-circuit Protection	Automatically power off when error, recovery after restart
Weight	4.1kg		

Certification & Patent



New Energy Generator REDEFINING YOUR POWER SUPPLY



Boyang new energy generator is a new off-grid solar power generation system which is revolutionary, and has its own intellectual property rights. It uses high quality and high efficiency planar crystalline silicon solar modules, Maximum Power Point Tracking (MPPT) solar controller, Long-life lithium iron phosphate battery, cutting-edge Synchronized Charging and Discharging (SCD) technology, and adds multiple protection design. G-Power system can meet the power supply needs of families in different countries.

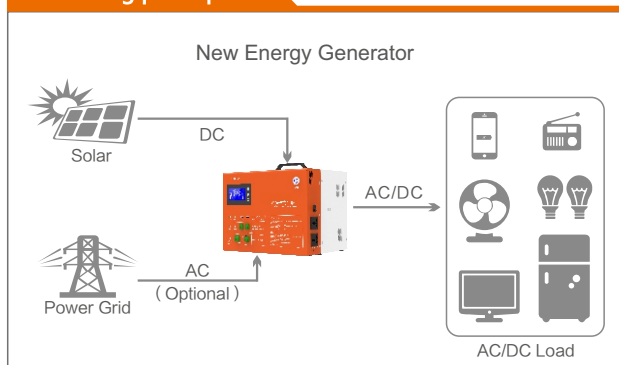
The system adopts modular design, and integrates photovoltaic modules, controller, inverter, energy storage, input port, output port, bracket and display module. It can be widely used in areas without electricity and areas with unstable electricity. G-Power system can replace diesel generators for power

High Cost Performance	High-quality			
Only 9 cents/kWh	One year guarantee	20 year linear guarantee	Charge and discharge 3000 times	Free replacement of batteries after 10 years

CORE STRENGTHS

- Multiple Technology Extreme Experience
- 24H Continuous Power Supply
- Modular Design Simple & Efficient
- Integrated Design Easy Choice
- High Power Output Strong Power Supply
- Ten Electric Protection Safe & Reliable
- High Performance LFP Battery
- Support Various Payment Methods
- AC/DC Simultaneous Output

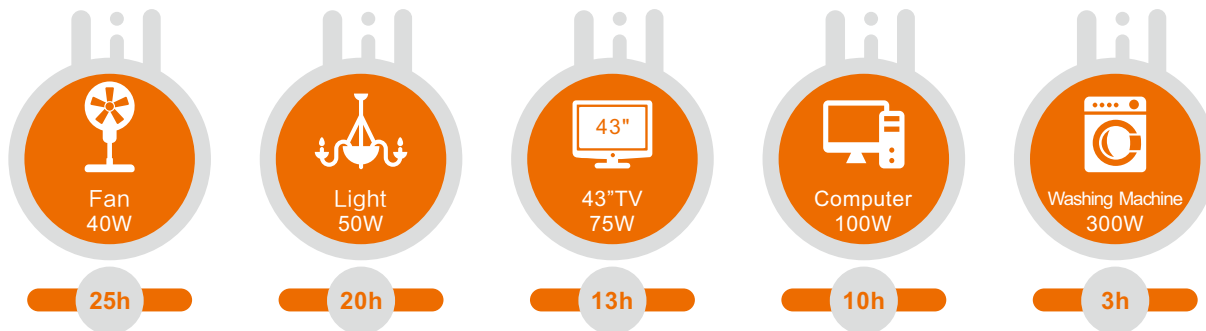
Working principle



Application Examples



Applicable to



The above is the running time of loading single appliance

24h uninterrupted on-load power: 40W

GP-1000 System Parameter

Battery Capacity	500Wh	Controller	MPPT	AC Rated Output Voltage	AC220V
Battery Type	Lithium Iron Phosphate Battery	Input Voltage Range	18V~40V	AC Rated Output Current	1.3A
Acceptable Temperature of Battery	Discharging-10°C~60°C Charging 0°C~45°C	Maximum Charging Current	20A	AC Rated Output Frequency	50Hz
Cycle Times of Battery	Over 3000 Times	Rated Power	240W	AC Rated Output Power	300W
PV Module Capacity	180Wp	DC Power Conversion Efficiency	≥91%	AC Power Conversion Efficiency	≥85%
5V DC Output	2USB, 2Circular Interface	Short-circuit Protection	Automatically power off when error, recovery after restart		
12V DC Output	2Circular Interface, 1Aviation Plug	Cooling Mode	≥42°C fan starts, ≤35°C fan stops		
AC Output	2Universal Socket	Over-temperature Protection	≥60°C protection, ≤55°C recovery		
Size	350 × 260 × 316mm	Weight	17kg		

Certification & Patent








New Energy Generator REDEFINING YOUR POWER SUPPLY







Boyang new energy generator is a new off-grid solar power generation system which is revolutionary, and has its own intellectual property rights. It uses high quality and high efficiency planar crystalline silicon solar modules, Maximum Power Point Tracking (MPPT) solar controller, Long-life lithium iron phosphate battery, cutting-edge Synchronized Charging and Discharging (SCD) technology, and adds multiple protection design. G-Power system can meet the power supply needs of families in different countries.

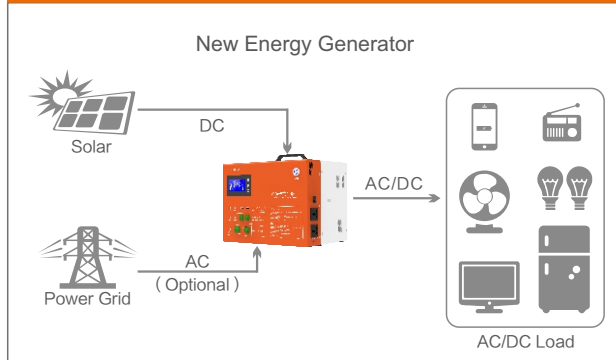
The system adopts modular design, and integrates photovoltaic modules, controller, inverter, energy storage, input port, output port, bracket and display module. It can be widely used in areas without electricity and areas with unstable electricity. G-Power system can replace diesel generators for power

High Cost Performance  Only 8 cents/kWh	High-quality			
 One year guarantee	 20 year linear guarantee	 Charge and discharge 3000 times	 Free replacement of batteries after 10 years	

CORE STRENGTHS

- 
 Multiple Technology Extreme Experience
- 
 24H Continuous Power Supply
- 
 Modular Design Simple & Efficient
- 
 Integrated Design Easy Choice
- 
 High Power Output Strong Power Supply
- 
 Ten Electric Protection Safe & Reliable
- 
 High Performance LFP Battery
- 
 Support Various Payment Methods
- 
 AC/DC Simultaneous Output

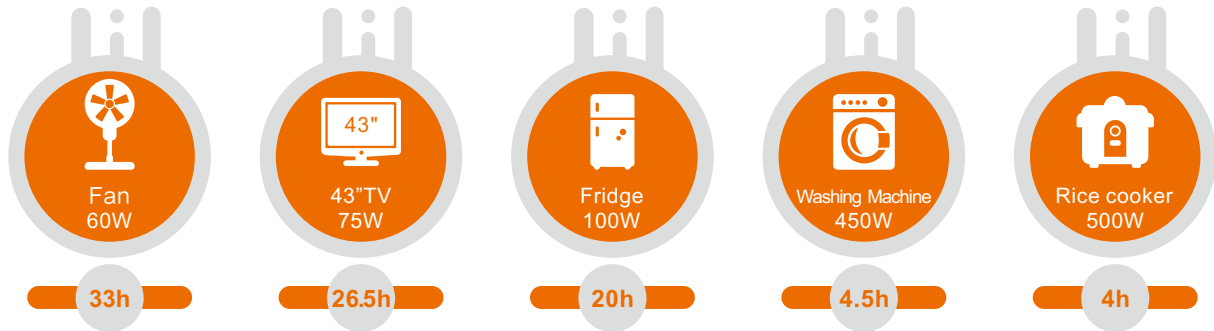
Working principle



Application Examples



Applicable to



The above is the running time of loading single appliance

24h uninterrupted on-load power: 80W

GP-2000 System Parameter

Battery Capacity	1000Wh	Controller	MPPT	AC Rated Output Voltage	AC220V
Battery Type	Lithium Iron Phosphate Battery	Input Voltage Range	18V~40V	AC Rated Output Current	4.5A
Acceptable Temperature of Battery	Discharging -10°C~60°C Charging 0°C~45°C	Maximum Charging Current	20A	AC Rated Output Frequency	50Hz
Cycle Times of Battery	Over 3000 Times	Rated Power	240W	AC Rated Output Power	1000W
PV Module Capacity	360Wp	DC Power Conversion Efficiency	≥91%	AC Power Conversion Efficiency	≥85%
5V DC Output	2USB, 2Circular Interface	Short-circuit Protection	Automatically power off when error, recovery after restart		
12V DC Output	2Circular Interface, 1Aviation Plug	Cooling Mode	≥42°C fan starts, ≤35°C fan stops		
AC Output	2Universal Socket	Over-temperature Protection	≥60°C protection, ≤55°C recovery		
Size	350 × 260 × 316mm	Weight	17kg		

Certification & Patent

CE RoHS








New Energy Generator

REDEFINING YOUR POWER SUPPLY




Boyang new energy generator is a new off-grid solar power generation system which is revolutionary, and has its own intellectual property rights. It uses high quality and high efficiency planar crystalline silicon solar modules, Maximum Power Point Tracking (MPPT) solar controller, Long-life lithium iron phosphate battery, cutting-edge Synchronized Charging and Discharging (SCD) technology, and adds multiple protection design. G-Power system can meet the power supply needs of families in different countries.

The system adopts modular design, and integrates photovoltaic modules, controller, inverter, energy storage, input port, output port, bracket and display module. It can be widely used in areas without electricity and areas with unstable electricity. G-Power system can replace diesel generators for power

<p>High Cost Performance</p>  <p>Only 7 cents/kWh</p>	<p>High-quality</p>			
 <p>HOST</p> <p>One year guarantee</p>	 <p>MODULE</p> <p>20 year linear guarantee</p>	 <p>ENERGY STORAGE</p> <p>Charge and discharge 3000 times</p>	 <p>BATTERIES</p> <p>Free replacement of batteries after 10 years</p>	


CORE STRENGTHS

- 

Multiple Technology
Extreme Experience
- 

24H Continuous
Power Supply
- 

Modular Design
Simple & Efficient
- 

Integrated Design
Easy Choice
- 

High Power Output
Strong Power Supply
- 

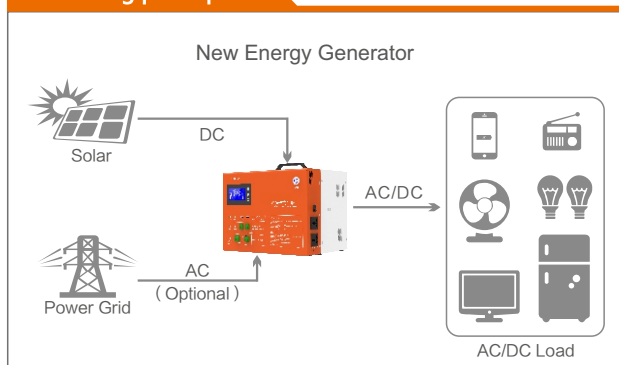
Ten Electric Protection
Safe & Reliable
- 

High Performance
LFP Battery
- 

Support Various
Payment Methods
- 

AC/DC Simultaneous
Output

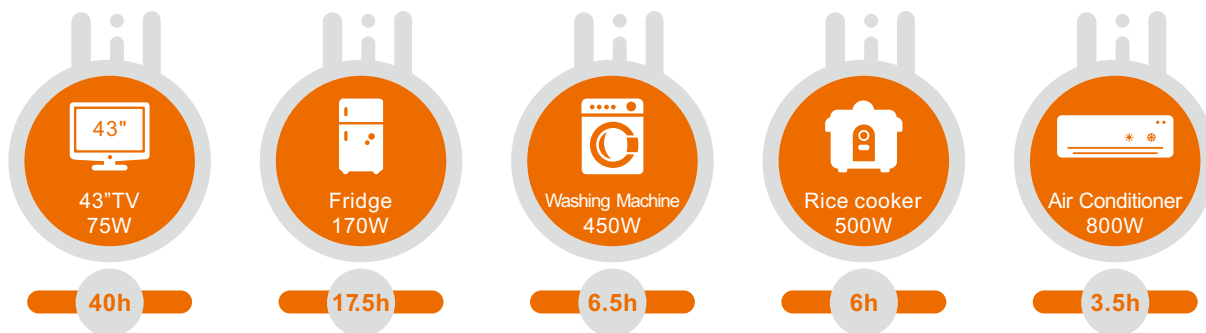
Working principle



Application Examples



Applicable to



The above is the running time of loading single appliance

24h uninterrupted on-load power: 120W

GP-3000 System Parameter

Battery Capacity	1500Wh	Controller	MPPT	AC Rated Output Voltage	AC220V
Battery Type	Lithium Iron Phosphate Battery	Input Voltage Range	18V~40V	AC Rated Output Current	6.8A
Acceptable Temperature of Battery	Discharging -10°C~60°C Charging 0°C~45°C	Maximum Charging Current	20A	AC Rated Output Frequency	50Hz
Cycle Times of Battery	Over 3000 Times	Rated Power	240W	AC Rated Output Power	1500W
PV Module Capacity	560Wp	DC Power Conversion Efficiency	≥91%	AC Power Conversion Efficiency	≥85%
5V DC Output	2USB, 2Circular Interface	Short-circuit Protection	Automatically power off when error, recovery after restart		
12V DC Output	2Circular Interface	Cooling Mode	≥42°C fan starts, ≤35°C fan stops		
AC Output	2Universal Socket	Over-temperature Protection	≥60°C protection, ≤55°C recovery		
Other energy conversion	1 Power Grid Interface	Size	350 × 260 × 320mm	Weight	21kg

Certification & Patent








New Energy Generator REDEFINING YOUR POWER SUPPLY









Boyang new energy generator is a new off-grid solar power generation system which is revolutionary, and has its own intellectual property rights. It uses high quality and high efficiency planar crystalline silicon solar modules, Maximum Power Point Tracking (MPPT) solar controller, Long-life lithium iron phosphate battery, cutting-edge Synchronized Charging and Discharging (SCD) technology, and adds multiple protection design. G-Power system can meet the power supply needs of families in different countries.

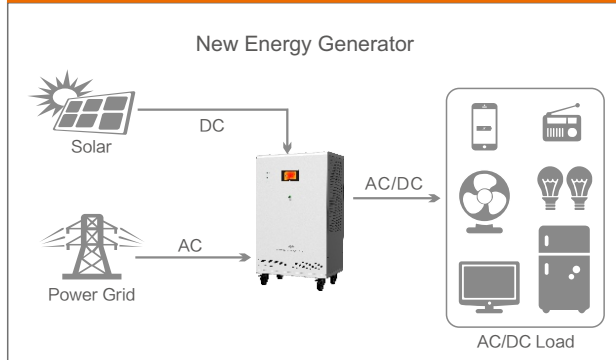
The system adopts modular design, and integrates photovoltaic modules, controller, inverter, energy storage, input port, output port, bracket and display module. It can be widely used in areas without electricity and areas with unstable electricity. G-Power system can replace diesel generators for power

<p>High Cost Performance</p>  <p>Only 6.5 cents/kWh</p>	<p>High-quality</p>			
 <p>HOST</p> <p>One year guarantee</p>	 <p>MODULE</p> <p>20 year linear guarantee</p>	 <p>ENERGY STORAGE</p> <p>Charge and discharge 3000 times</p>	 <p>BATTERIES</p> <p>Free replacement of batteries after 10 years</p>	

CORE STRENGTHS

-  Multiple Technology Extreme Experience
-  24H Continuous Power Supply
-  Modular Design Simple & Efficient
-  Integrated Design Easy Choice
-  High Power Output Strong Power Supply
-  Ten Electric Protection Safe & Reliable
-  High Performance LFP Battery
-  Support Various Payment Methods
-  Free Switching of Various Energy Sources

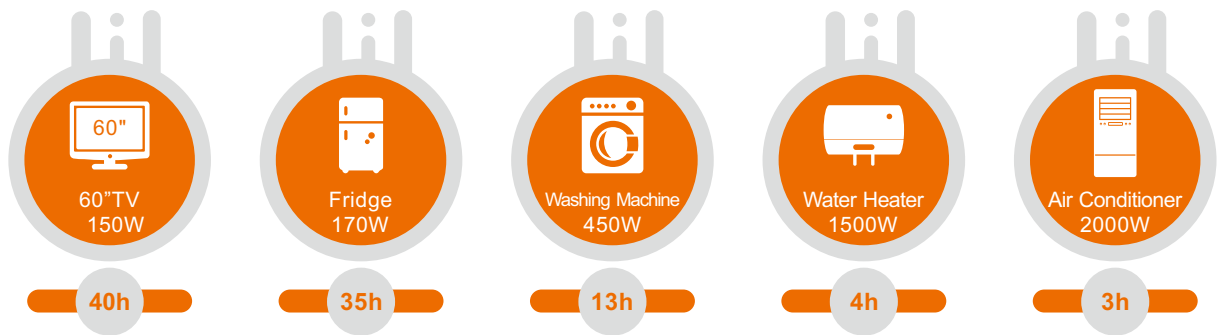
Working principle



Application Examples



Applicable to



The above is the running time of loading single appliance

24h uninterrupted on-load power: 240W

GP-6000 System Parameter

Battery Capacity	3000Wh	AC Rated Output Voltage	AC220V
Battery Type	Lithium Iron Phosphate Battery	AC Rated Output Current	13.6A
Acceptable Temperature of Battery	Discharging-10°C-60°C; Charging0°C-45°C	AC Rated Output Frequency	50Hz
Cycle Times of Battery	Over 3000 Times	AC Rated Output Power	3000W
PV Module Capacity	1120Wp	AC Power Conversion Efficiency	≥85%
AC Output	1AC Total Output, 3AC socket	Short-circuit Protection	Automatically power off when error, recovery after restart
Other energy conversion	1 Power Grid Interface 1 Diesel/gasoline Generator Interface	Over-temperature Protection	≥70°C protection, ≤40°C recovery
Size	500x800x450mm	Cooling Mode	≥50°C fan starts, ≤40°C fan stops
Weight	90kg		

Certification & Patent

CE RoHS



New Energy Generator REDEFINING YOUR POWER SUPPLY



Boyang new energy generator is a new off-grid solar power generation system which is revolutionary, and has its own intellectual property rights. It uses high quality and high efficiency planar crystalline silicon solar modules, Maximum Power Point Tracking (MPPT) solar controller, Long-life lithium iron phosphate battery, cutting-edge Synchronized Charging and Discharging (SCD) technology, and adds multiple protection design. G-Power system can meet the power supply needs of families in different countries.

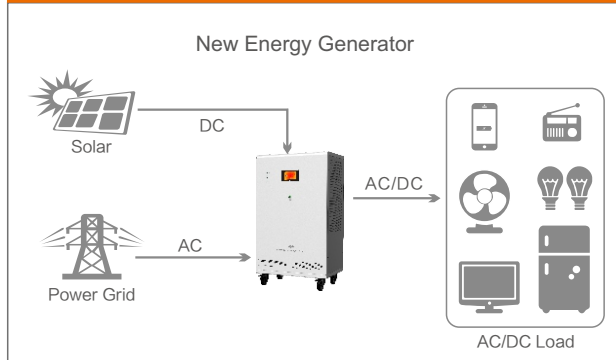
The system adopts modular design, and integrates photovoltaic modules, controller, inverter, energy storage, input port, output port, bracket and display module. It can be widely used in areas without electricity and areas with unstable electricity. G-Power system can replace diesel generators for power

High Cost Performance Only 6 cents/kWh	High-quality			
 HOST One year guarantee	 MODULE 20 year linear guarantee	 ENERGY STORAGE Charge and discharge 3000 times	 BATTERIES Free replacement of batteries after 10 years	

CORE STRENGTHS

- Multiple Technology Extreme Experience
- 24H Continuous Power Supply
- Modular Design Simple & Efficient
- Integrated Design Easy Choice
- High Power Output Strong Power Supply
- Ten Electric Protection Safe & Reliable
- High Performance LFP Battery
- Support Various Payment Methods
- Free Switching of Various Energy Sources

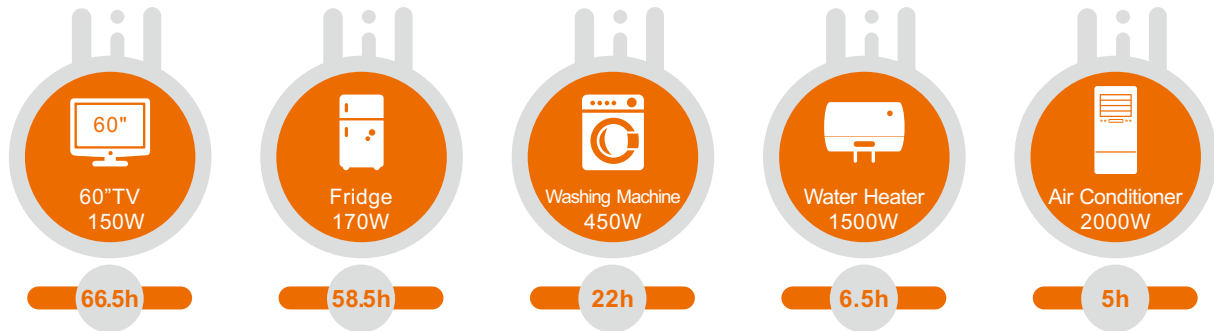
Working principle



Application Examples



Applicable to



The above is the running time of loading single appliance

24h uninterrupted on-load power: 400W

GP-10000 System Parameter

Battery Capacity	5000Wh	AC Rated Output Voltage	AC220V
Battery Type	Lithium Iron Phosphate Battery	AC Rated Output Current	22.7A
Acceptable Temperature of Battery	Discharging-10°C-60°C; Charging0°C-45°C	AC Rated Output Frequency	50Hz
Cycle Times of Battery	Over 3000 Times	AC Rated Output Power	5000W
PV Module Capacity	2000Wp	AC Power Conversion Efficiency	≥85%
AC Output	1AC Total Output, 3AC socket	Short-circuit Protection	Automatically power off when error, recovery after restart
Other energy conversion	1 Power Grid Interface 1 Diesel/gasoline Generator Interface	Over-temperature Protection	≥70°C protection, ≤40°C recovery
Size	625x870x500mm	Cooling Mode	≥50°C fan starts, ≤40°C fan stops
Weight	120kg		

Certification & Patent

CE RoHS



New Energy Generator REDEFINING YOUR POWER SUPPLY



Boyang new energy generator is a new off-grid solar power generation system which is revolutionary, and has its own intellectual property rights. It uses high quality and high efficiency planar crystalline silicon solar modules, Maximum Power Point Tracking (MPPT) solar controller, Long-life lithium iron phosphate battery, cutting-edge Synchronized Charging and Discharging (SCD) technology, and adds multiple protection design. G-Power system can meet the power supply needs of families in different countries.

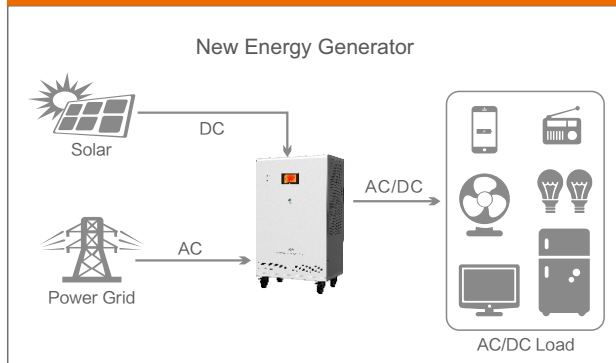
The system adopts modular design, and integrates photovoltaic modules, controller, inverter, energy storage, input port, output port, bracket and display module. It can be widely used in areas without electricity and areas with unstable electricity. G-Power system can replace diesel generators for power

High Cost Performance Only 3 cents/kWh	High-quality			
	 HOST One year guarantee	 MODULE 20 year linear guarantee	 ENERGY STORAGE Charge and discharge 3000 times	 BATTERIES Free replacement of batteries after 10 years

CORE STRENGTHS

- Multiple Technology Extreme Experience
- 24H Continuous Power Supply
- Modular Design Simple & Efficient
- Integrated Design Easy Choice
- High Power Output Strong Power Supply
- Ten Electric Protection Safe & Reliable
- High Performance LFP Battery
- Support Various Payment Methods
- Free Switching of Various Energy Sources

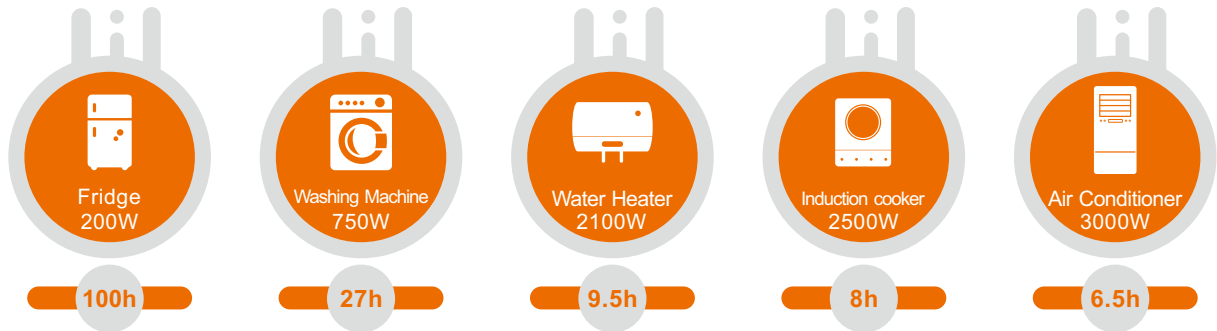
Working principle



Application Examples



Applicable to



The above is the running time of loading single appliance

24h uninterrupted on-load power: 800W

GP-20000 System Parameter

Battery Capacity	10000Wh	AC Rated Output Voltage	AC220V
Battery Type	Lithium Iron Phosphate Battery	AC Rated Output Current	22.7A
Acceptable Temperature of Battery	Discharging-10°C-60°C; Charging0°C-45°C	AC Rated Output Frequency	50Hz
Cycle Times of Battery	Over 3000 Times	AC Rated Output Power	5000W
PV Module Capacity	4000Wp	AC Power Conversion Efficiency	≥85%
AC Output	1AC Total Output, 3AC socket	Short-circuit Protection	Automatically power off when error, recovery after restart
Other energy conversion	1 Power Grid Interface 1 Diesel/gasoline Generator Interface	Over-temperature Protection	≥70°C protection, ≤40°C recovery
Size	560x960x450mm	Cooling Mode	≥50°C fan starts, ≤40°C fan stops
Weight	180kg		

Certification & Patent

CE RoHS

