

# GangDian Electric Appliances CO.,LTD

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**CHOOSE GANGDIAN  
TO SUCCESS.**

選擇港電，走向成功。



## Solar Refrigerator Catalog

BC-92

BCD-118

BCD-138

BCD-158

BCD-178

BCD-201

BCD-212



# Company Profile

Kaiping Gangdian Electric Appliances Co., Ltd is specialized in producing home appliances.

Our company is in Kaiping, a famous hometown of overseas Chinese located in the Pearl River Delta of Guangdong Province, China. Our plant covers an area of 22 acres ( 86,000m<sup>2</sup>), the first phase covering 25,000m<sup>2</sup> . We have imported advanced automatic production equipments and high-precision testing equipments from Germany , Italy , Japan and Korea. We have implemented the high-quality management system of TS19694, applied 6σ to analyze and improve our products and installed an online EPR dynamic data management system, which improved our production efficiency greatly .Production standards are in accordance with European and Chinese industrial standards.

The First phase equipment can produce high quality refrigerators of 50-500 liters capacity , 2 door , 3 door and folio double doors . The annual production capacity is one million units ,90% of which will be for export.

Gangdian Electric team will go all out to produce safe , energy – saving, environment – friendly, innovative ,high-quality refrigerators , in order to create an excellent life for you .





Company profile

我們的“以誠為信”的經營理念，經多年發展和信譽的積累，2004年經中國計量、檢定、認可委員會批准成為計量器具、測量器具的維修及檢定單位，並獲得中國標準化研究院的授權許可，計定面積 10 萬 4000 ㎡，標準潔淨 10000 ㎡，獲得計量器具、檢定、認可、維修等國內計量器具維修檢定資格證書，計定 10 種計量器具的檢定業務。

Gangdian

00 ㎡  
行政大樓 4500 ㎡  
Administration building

01 ㎡  
02 ㎡  
03 ㎡



真空吸盤機  
Vacuum extractor line



加工位空壓機  
Processing area Air Compressor



包裝機  
Packaging line



卷心包機  
Electric safety compression bottle



控制櫃門子控制系統  
Electric control system



門框成型機  
Door steel forming machine



工廠 & 廠房  
Plant & Rooms



加工位空壓機控制櫃  
Electric-compressor air



自備 1000 臺製冷機組  
Refrigeration performance check line



雙溫 NH<sub>3</sub>CON CO<sub>2</sub> 6300 溫冷櫃組  
REFCON. Cooler 6300 multi-gas test detector



雙溫冷櫃冷台機  
A/B Test machine



雙溫冷櫃冷台機  
REFCON cooler test machine



雙工位製冷機組  
Linear cooling test line



雙工位空壓機  
Double workstation vacuum forming/Thermofforming



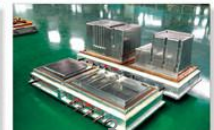
雙溫冷櫃預冷站  
POLYTRON cooler pre-cooling station



製冷機組  
REFCON cooler forming machine



雙溫冷櫃  
REFCON Thermoforming mask mould



雙溫冷櫃  
REFCON Thermoforming mask mould

# Solar refrigerator

*Low Carbon  
Enjoy Unlimited*



Solar Module Array



DC Battery



Power Adapter



BLDCM Compressor



Intelligent Solar  
Power-supply System



## Features:

1. DC 12V~24V inverter compressor, energy saving, low noise, cooling quickly.
2. Free of power cost, making contribution to environment.
3. It can be use without electricity power



LET'S MAKE THE WORLD BETTER..





## Features Of Solar Refrigerator





1. DC 12V-24V inverter compressor, energy saving, low noise, cooling quickly.
2. Free of power cost, making contribution to environment.
3. It can be used without electricity power.

**Note: It can connect the electricity power when without sunlight and battery (Optional)**

**Solar-powered refrigerator DC inverter  
compressor Ultimate energy saving  
technology**

<b>PRODUCT:</b>	<b>Solar-Refrigerator</b>	<b>Date:</b>		
<b>Article Nr.:</b>	<b>BC-92MAT</b>	<b>Description:</b>	<b>Liter</b>	<b>CU.FT</b>
	<b>Total Volume (L)</b>		<b>92</b>	<b>3.2</b>
	<b>Freezer Storage Volume (L)</b>		<b>/</b>	<b>/</b>
	<b>Fridge Storage Volume (L)</b>		<b>92</b>	<b>3.2</b>
	<b>Cooling System</b>		<b>Direct cooling</b>	
	<b>Temperature control Mechanism</b>		<b>Mechanism</b>	
	<b>Rated Voltage (V)</b>		<b>DC12V /24V</b>	
	<b>Rated Current (A)</b>		<b>5.2/2.3</b>	
	<b>Rated Input Power (w)</b>		<b>62/55</b>	
	<b>Consumption(kW.h/24h)</b>		<b>0.40/0.36</b>	
	<b>Refrigerant Charge(g)</b>		<b>28</b>	
	<b>Refrigeration Agent</b>		<b>R134a</b>	
	<b>Blowing Agent</b>		<b>Pentamethylene</b>	
	<b>Product Dimension(W*D*H) (MM)</b>		<b>474*483*840</b>	
<b>Carton Box Dinmension(W*D*H) (MM)</b>		<b>510*534*890</b>		
	<b>Solar Panel</b>		<b>12V/150W</b>	
	<b>NW/GW(kg)</b>		<b>11.5/13KG</b>	
	<b>Product Dimension(W×D×H)</b>		<b>121x81x3.5 CM</b>	
	<b>Intelligent solar power-supply system</b>		<b>12V 20A</b>	
	<b>Inverter Output voltage</b>		<b>500W</b>	
	<b>Maintenance-free battery</b>		<b>80AH</b>	
	<b>NW/GW(kg)</b>		<b>32/33KG</b>	
	<b>Product Dimension(W×D×H)</b>		<b>39.5×32×25.5</b>	
	<b>Power adapter</b>		<b>12V5A</b>	
	<b>Gross(kg)</b>		<b>0.51</b>	
	<b>Carton Box Dimension(W×D×H)</b>		<b>16.8×6.5×4cm</b>	

<b>PRODUCT:</b>	<b>Solar-Refrigerator</b>	<b>Date:</b>		
<b>Article Nr.:</b>	<b>BCD-118</b>	<b>Description:</b>	<b>Liter</b>	<b>CU.FT</b>
	<b>Total Volume (L)</b>	<b>118</b>		
	<b>Freezer Storage Volume (L)</b>	<b>31</b>		
	<b>Fridge Storage Volume (L)</b>	<b>87</b>		
	<b>Cooling System</b>	<b>Direct cooling</b>		
	<b>Temperature control</b>	<b>Mechanism</b>		
	<b>Rated Voltage (V)</b>	<b>DC12V/24V</b>		
	<b>Rated Current (A)</b>	<b>5.8/2.7</b>		
	<b>Rated Input Power (w)</b>	<b>70/65</b>		
	<b>Consumption(kW.h/24h)</b>	<b>0.78/0.76</b>		
	<b>Refrigerant Charge(g)</b>	<b>55</b>		
	<b>Refrigeration Agent</b>	<b>134a</b>		
	<b>Blowing Agent</b>	<b>Pentamethylene</b>		
	<b>Product Dimension (W*D*H) (MM)</b>	<b>474*518*1158</b>		
<b>Carton Box Dimension(W*D*H) (MM)</b>	<b>530*565*1215</b>			
	<b>Solar Panel</b>	<b>12V/150W</b>		
	<b>NW/GW(kg)</b>	<b>11.5/13KG</b>		
	<b>Product Dimension(W×D×H)</b>	<b>121x81x3.5 CM</b>		
	<b>Intelligent solar power-supply system</b>	<b>12V 20A</b>		
		<b>500W</b>		
	<b>Maintenance-free battery</b>	<b>80AH</b>		
	<b>NW/GW(kg)</b>	<b>32/33kg</b>		
	<b>Product Dimension(W×D×H)</b>	<b>39.5×32×25.5</b>		
	<b>Power adapter</b>	<b>12V5A</b>		
	<b>Gross(kg)</b>	<b>0.51</b>		
	<b>Carton Box Dimension(W×D×H)</b>	<b>16.8×6.5×4cm</b>		

<b>PRODUCT:</b>	<b>Solar-Refrigerator</b>	<b>Date:</b>			
<b>Article Nr.:</b>	<b>BCD-138</b>	<b>Description:</b>	<b>Liter</b>	<b>CU.FT</b>	
	<b>Total Volume (L)</b>		<b>138</b>		
	<b>Freezer Storage Volume (L)</b>		<b>36</b>		
	<b>Fridge Storage Volume (L)</b>		<b>102</b>		
	<b>Cooling System</b>		<b>Direct cooling</b>		
	<b>Temperature control</b>		<b>Mechanism</b>		
	<b>Rated Voltage (V)</b>		<b>DC12V/24V</b>		
	<b>Rated Current (A)</b>		<b>5.8/2.6</b>		
	<b>Rated Input Power (w)</b>		<b>70/62</b>		
	<b>Consumption(kW.h/24h)</b>		<b>0.80/0.76</b>		
	<b>Refrigerant Charge(g)</b>		<b>58</b>		
	<b>Refrigeration Agent</b>		<b>134a</b>		
	<b>Blowing Agent</b>		<b>Pentamethylene</b>		
	<b>Product Dimension (W*D*H) (MM)</b>		<b>474*518*1293</b>		
	<b>Carton Box Dinmension(W*D*H) (MM)</b>		<b>530*565*1345</b>		
	<b>Solar Panel</b>		<b>12V/150W</b>		
	<b>NW/GW(kg)</b>		<b>11.5/13KG</b>		
	<b>Product Dimension(WxDxH)</b>		<b>121x81x3.5 CM</b>		
	<b>Intelligent solar power-supply system</b>		<b>12V 20A</b>		
			<b>500W</b>		
	<b>Maintenance-free battery</b>		<b>80AH</b>		
	<b>NW/GW(kg)</b>		<b>32/33KG</b>		
	<b>Product Dimension(WxDxH)</b>		<b>39.5 × 32 × 25.5</b>		
	<b>Power adapter</b>		<b>12V5A</b>		
	<b>Gross(kg)</b>		<b>0.51</b>		
	<b>Carton Box Dimension(WxDxH)</b>		<b>16.8×6.5×4cm</b>		



<b>PRODUCT:</b>	<b>Solar-Refrigerator</b>	<b>Date:</b>	
<b>Article Nr.:</b>	<b>BCD-158</b>	<b>Description:</b>	<b>Liter</b> <b>CU.FT</b>
<p>Solar-powered refrigerator DC inverter compressor Ultimate energy saving technology 太陽能電冰箱 純直流變頻壓縮機 世界最節能技術</p>  <p>產品容量: 90L, 118L, 138L, 158L, 178L, 196L, 201L, 212L.</p> <ul style="list-style-type: none"> <li>→ 可接風扇, 汽車充電      → Available for ships and cars</li> <li>→ 太陽能電池直接輸入      → Solar battery direct input</li> <li>→ 變壓器直接輸入          → DC battery direct input</li> <li>→ 直接輸入電壓 DC 12V/24V      → DC input: 12V/24V</li> </ul>		<p><b>Total Volume (L)</b>      <b>158</b>      <b>5.6</b></p> <p><b>Freezer Storage Volume (L)</b>      <b>42</b>      <b>1.5</b></p> <p><b>Fridge Storage Volume (L)</b>      <b>116</b>      <b>4.1</b></p> <p><b>Cooling System</b>      <b>Direct cooling</b></p> <p><b>Temperature control</b>      <b>Mechanism</b></p> <p><b>Rated Voltage (V)</b>      <b>DC12V/24V</b></p> <p><b>Rated Current (A)</b>      <b>5.9/2.8</b></p> <p><b>Rated Input Power (w)</b>      <b>71/67</b></p> <p><b>Consumption(kW.h/24h)</b>      <b>0.73/0.70</b></p> <p><b>Refrigerating Capacity (kg/24h)</b>      <b>2</b></p> <p><b>Refrigeration Agent</b>      <b>134a</b></p> <p><b>Blowing Agent</b>      <b>Pentamethylene</b></p> <p><b>Product Dimension(W*D*H) (MM)</b>      <b>504*573*1339</b></p> <p><b>Carton Box Dimension(W*D*H) (MM)</b>      <b>562*620*1400</b></p>	
		<p><b>Solar Panel</b>      <b>12V/150W</b></p> <p><b>NW/GW(kg)</b>      <b>11.5/13KG</b></p> <p><b>Product Dimension(W×D×H)</b>      <b>121x81x3.5 CM</b></p>	
		<p><b>Intelligent solar power-supply system</b>      <b>12V 20A</b></p> <p><b>Maintenance-free battery</b>      <b>500W</b></p> <p><b>NW/GW(kg)</b>      <b>80AH</b></p> <p><b>Product Dimension(W×D×H)</b>      <b>32/33KG</b></p> <p><b>Product Dimension(W×D×H)</b>      <b>39.5×32×25.5</b></p>	
		<p><b>Power adapter</b>      <b>12V5A</b></p> <p><b>Gross(kg)</b>      <b>0.51</b></p> <p><b>Carton Box Dimension(W×D×H)</b>      <b>16.8×6.5×4cm</b></p>	

<b>PRODUCT:</b>	<b>Solar-Refrigerator</b>	<b>Date:</b>		
<b>Article Nr.:</b>	<b>BCD-178</b>	<b>Description</b>	<b>Liter</b>	<b>CU.FT</b>
 <p>Solar-powered refrigerator DC inverter compressor Ultimate energy saving technology 太陽能電冰箱 純直流變頻壓縮機 世界最節能技術</p> <p>產品型號: 908, 1198, 1398, 1598, 1798, 1998, 2011, 212E</p> <ul style="list-style-type: none"> <li>可接駁 汽車電源</li> <li>太陽電池直接輸入</li> <li>可接駁 太陽能板</li> <li>可接駁 交流電</li> <li>可接駁 交流電</li> <li>可接駁 交流電</li> </ul>	<b>Total Volume (L)</b>	<b>178</b>	<b>6.3</b>	
	<b>Freezer Storage Volume (L)</b>	<b>62</b>	<b>2.2</b>	
	<b>Fridge Storage Volume (L)</b>	<b>116</b>	<b>4.1</b>	
	<b>Cooling System</b>	<b>Direct cooling</b>		
	<b>Temperature control</b>	<b>Mechanism</b>		
	<b>Rated Voltage (V)</b>	<b>DC12V/24V</b>		
	<b>Rated Current (A)</b>	<b>5.8/2.4</b>		
	<b>Rated Input Power (w)</b>	<b>70/58</b>		
	<b>Consumption(kW.h/24h)</b>	<b>0.82/0.78</b>		
	<b>Refrigerating Capacity (kg/24h)</b>	<b>2</b>		
	<b>Refrigeration Agent</b>	<b>134a</b>		
	<b>Blowing Agent</b>	<b>Pentamethylene</b>		
	<b>Product Dimension(W*D*H) (MM)</b>	<b>504*573*1497</b>		
<b>Carton Box Dimension(W*D*H) (MM)</b>	<b>562*620*1560</b>			
	<b>Solar Panel</b>	<b>12V/150W</b>		
	<b>NW/GW(kg)</b>	<b>11.5/13KG</b>		
	<b>Product Dimension(W×D×H)</b>	<b>121x81x3.5 CM</b>		
	<b>Intelligent solar power-supply system</b>	<b>12V 20A</b>		
		<b>500W</b>		
	<b>Maintenance-free battery</b>	<b>80AH</b>		
	<b>NW/GW(kg)</b>	<b>32/33KG</b>		
	<b>Product Dimension(W×D×H)</b>	<b>39.5×32×25.5</b>		
	<b>Power adapter</b>	<b>12V5A</b>		
	<b>Gross(kg)</b>	<b>0.51</b>		
	<b>Carton Box Dimension(W×D×H)</b>	<b>16.8×6.5×4cm</b>		

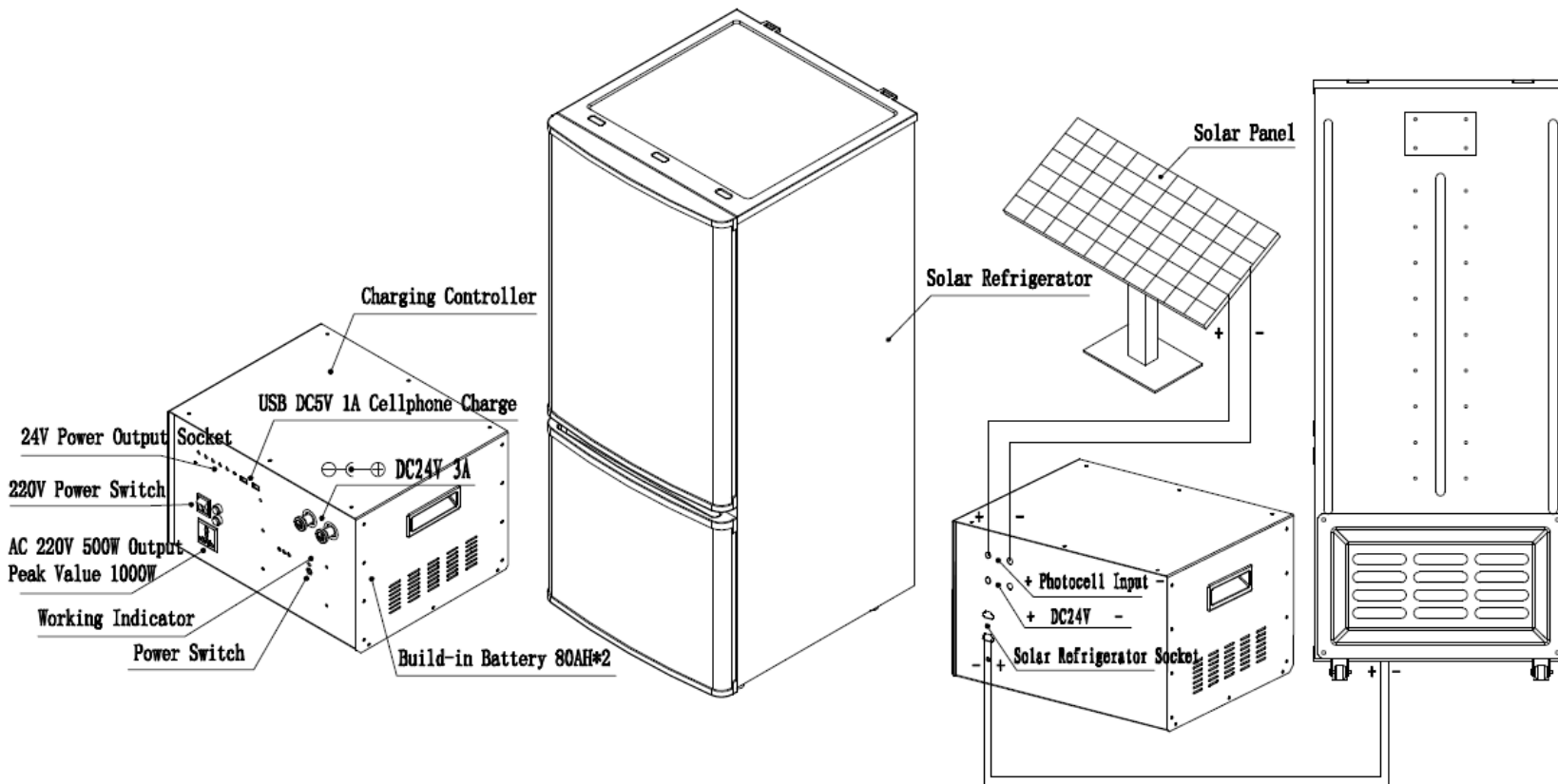
<b>PRODUCT:</b>	<b>Solar-Refrigerator</b>	<b>Date:</b>		
<b>Article Nr.:</b>	<b>BCD-201</b>	<b>Description:</b>	<b>Liter</b>	<b>CU.FT</b>
<p>Solar-powered refrigerator DC inverter compressor Ultimate energy saving technology 太陽能電冰箱 純直流變頻壓縮機 世界最節能技術</p>  <p>产品容量: 90L, 118L, 138L, 158L, 178L, 198L, 201L, 212L.</p> <ul style="list-style-type: none"> <li>• 可拆面板, 方便清潔</li> <li>• 全網線電路及電線輸入</li> <li>• 雙電池及雙輸入</li> <li>• Available for ships and cars</li> <li>• Solar battery direct input</li> <li>• DC battery direct input</li> </ul>		<b>Total Volume (L)</b>	<b>201</b>	<b>7.1</b>
		<b>Freezer Storage Volume (L)</b>	<b>69</b>	<b>2.4</b>
		<b>Fridge Storage Volume (L)</b>	<b>132</b>	<b>4.7</b>
		<b>Cooling System</b>	<b>Direct cooling</b>	
		<b>Temperature control Mechanism</b>	<b>DC12V / 24V</b>	
		<b>Rated Voltage (V)</b>	<b>6.2/2.8</b>	
		<b>Rated Current (A)</b>	<b>74/67</b>	
		<b>Rated Input Power (w)</b>	<b>0.84/0.80</b>	
		<b>Consumption(kW.h/24h)</b>	<b>2.5</b>	
		<b>Refrigerating Capacity (kg/24h)</b>	<b>134a</b>	
		<b>Refrigeration Agent</b>	<b>Pentamethylene</b>	
		<b>Blowing Agent</b>	<b>554*600*1520</b>	
		<b>Product Dimension(W*D*H) (MM)</b>	<b>633*637*1568</b>	
		<b>Carton Box Dimnension(W*D*H) (MM)</b>		
		<b>Solar Panel</b>	<b>12V/150W X2</b>	
		<b>NW/GW(kg)</b>	<b>23/25.5KG</b>	
		<b>Product Dimension(W×D×H)</b>	<b>121x81x3.5 CM</b>	
		<b>Intelligent solar power-supply system</b>	<b>24V 20A</b>	
			<b>500W</b>	
		<b>Maintenance-free battery</b>	<b>80AH×2</b>	
		<b>NW/GW(kg)</b>	<b>52/53kg</b>	
		<b>Product Dimension(W×D×H)</b>	<b>51.7×39.6×25.5</b>	
		<b>Power adapter</b>	<b>24V12.5A</b>	
		<b>Gross(kg)</b>	<b>0.8</b>	
		<b>Product Dimension(W×D×H)</b>	<b>20×12×4cm</b>	



<b>PRODUCT:</b>	<b>Solar-Refrigerator</b>	<b>Date:</b>		
<b>Article Nr.:</b>	<b>BCD-212</b>	<b>Description:</b>	<b>Liter</b>	<b>CU.FT</b>
 <p>Solar-powered refrigerator DC inverter compressor Ultimate energy saving technology 太陽能電冰箱 純直流變頻壓縮機 世界上最節能技術</p> <p>產品型號: 90L 118L 138L 158L 178L 190L 201L 212L</p> <ul style="list-style-type: none"> <li>可接駁: 汽車點煙</li> <li>太陽板直接輸入</li> <li>蓄電池直接輸入</li> <li>蓄電池輸入:DC 12V/24V</li> <li>Available for stripe and main</li> <li>Solar battery direct input</li> <li>DC battery direct input</li> <li>DC input: 12V/24V</li> </ul>		<b>Total Volume (L)</b>	<b>212</b>	<b>7.5</b>
		<b>Freezer Storage Volume (L)</b>	<b>79</b>	<b>2.8</b>
		<b>Fridge Storage Volume (L)</b>	<b>133</b>	<b>4.7</b>
		<b>Cooling System</b>	<b>Direct cooling</b>	
		<b>Temperature control</b>	<b>Mechanism</b>	
		<b>Rated Voltage (V)</b>	<b>DC12V / 24V</b>	
		<b>Rated Current (A)</b>	<b>6.4/2.9</b>	
		<b>Rated Input Power (w)</b>	<b>77/70</b>	
		<b>Consumption(kW.h/24h)</b>	<b>0.86/0.82</b>	
		<b>Refrigerating Capacity (kg/24h)</b>	<b>2.5</b>	
		<b>Refrigeration Agent</b>	<b>134a</b>	
		<b>Blowing Agent</b>	<b>Pentamethylene</b>	
		<b>Product Dimension(W*D*H) (MM)</b>	<b>554*600*1600</b>	
<b>Carton Box Dinmension(W*D*H) (MM)</b>	<b>633*637*1648</b>			
		<b>Solar Panel</b>	<b>12V/150W X2</b>	
		<b>NW/GW(kg)</b>	<b>23/25.5KG</b>	
		<b>Product Dimension(W×D×H)</b>	<b>121x81x3.5 CM</b>	
		<b>Intelligent solar power-supply system</b>	<b>24V 20A</b>	
			<b>500W</b>	
		<b>Maintenance-free battery</b>	<b>80AH×2</b>	
		<b>NW/GW(kg)</b>	<b>52/53kg</b>	
	<b>Product Dimension(W×D×H)</b>	<b>51.7×39.6×25.5</b>		
		<b>Power adapter</b>	<b>24V12.5A</b>	
		<b>Gross(kg)</b>	<b>0.8</b>	
		<b>Product Dimension(W×D×H)</b>	<b>20×12×4cm</b>	

**Gangdian 港電**

Solar Energy DC Refrigerator System





Thank you so much for  
your time!