

# GlowTech

*Empower Your Life*



## All-In-One Solar Freezer

Model	Unit	GTF-AI-108Q	GTF-AI-168Q	GTF-AI-218Q
Rated Power	W	58	68	88
Input Voltage(DC)	V	12	12	12
Storage Volume	L	90	150	200
Freezing Temp Range		0~ -23°C	0~ -23°C	0~ -23°C
Refrigerant		R134a	R134a	R134a
Compressor type		DC Compressor		
Build in Lithium Battery		60Ah/12V	80Ah/12V	100Ah/12V
Build in Charge Controller		50Ah 12/24V	50Ah 12/24V	50Ah 12/24V
Insulation Foaming Thickness	mm	60	60	60
Defrost Type		Manual	Manual	Manual
Type		Deep/Chest Freezer		
Unit Net Dimensions(L/W/H)	mm	625x525x843	815x525x833	1045x605x844
Unit Ship Dimensions(L/W/H)	mm	660x550x873	850x550x873	1103x649x875
Net Weight	kg	34	46	52
Shipping Weight	kg	40	52	60
40GP	unit	225	171	108

Maximum Continuously Operating : 18hours

Maximum Battery Operating(without input): 12 hours

Digital temperature display with Remote control

With built-in Lithium Lifepo4 battery and charge controller

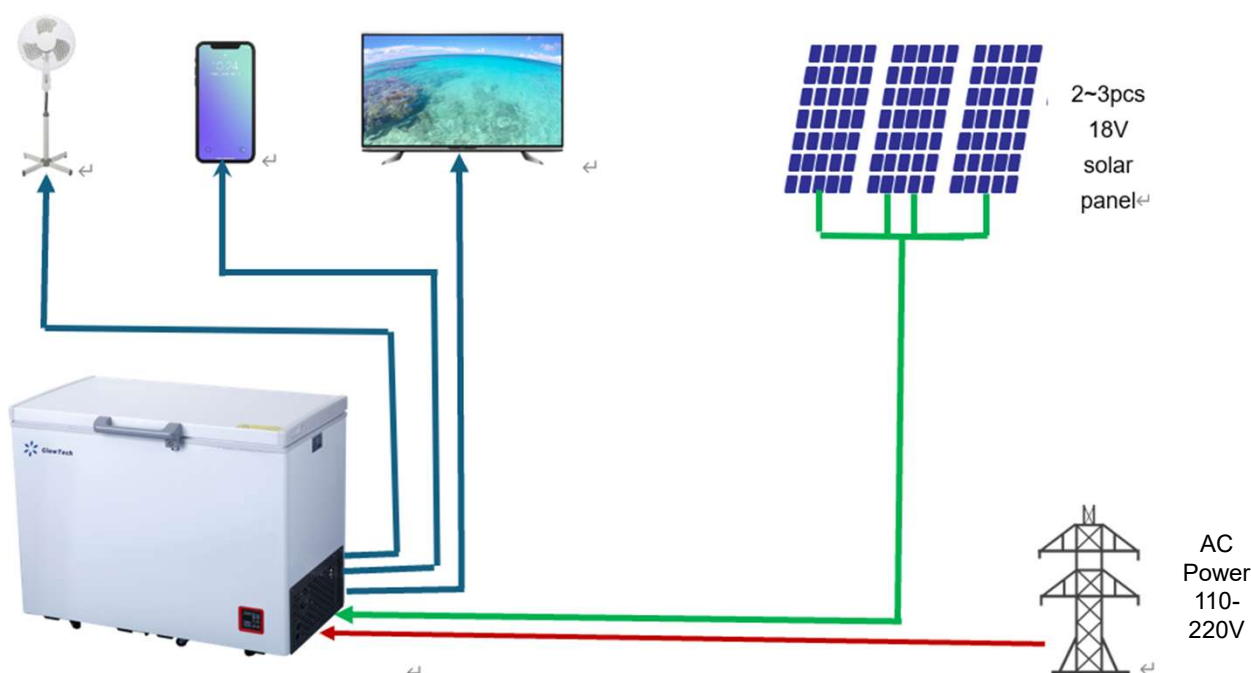
GTF-AI-108Q please connect with 2PCS 18V solar panels in parallel

GTF-AI-168&GTF-218Q please connect with 3PCS 18V solar panels in parallel

The kit include: DC cable, AC adaptor, 1xbasket, DC LED light, handle & lock, inner sliding tempered glass, Lithium Battery

Note: Parameters are subject to change without prior notice, please refer to the nameplate!

## Real All In One



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## Solar DC Chest Freezer

Model	GTF-DCC-159Q	GTF-DCC-209Q	GTF-DCC-259Q	GTF-DCC-309Q
Rated Power	62W	67W	70W	78W
Rated Voltage(DC)	12/24V	12/24V	12/24V	12/24V
Storage Volume(L)	159	209	259	309
Freezing Temp Range	0~-23°C	0~-23°C	0~-23°C	0~-23°C
Refrigerant	R134a	R134a	R134a	R134a
Compressor type	DC Compressor			
Input Voltage	AC 110-220V OR AC to DC 12/24V			
Climate type	T, ST	T, ST	T, ST	T, ST
Insulation Foaming Thickness(mm)	70	70	70	70
Defrost Type	Manual			
Type	Deep/Chest Freezer			
Unit Net Dimensions(L/W/H/mm)	735x535x840	870x535x840	1074x535x840	1105x675x840
Unit Ship Dimensions(L/W/H/mm)	783x585x870	926x585x870	1130x585x870	1130x723x885
Net Weight(kg)	35	40	44	53
Shipping Weight(kg)	39	45	49	58
40GP(units)	180	156	120	96

Digital temperature display with Remote control

Works with both 12/24V systems (auto recognition), 12V system pls connect with 18V or 24V solar panel parallel, 24V system please connect with 30V or 36V solar panel parallel

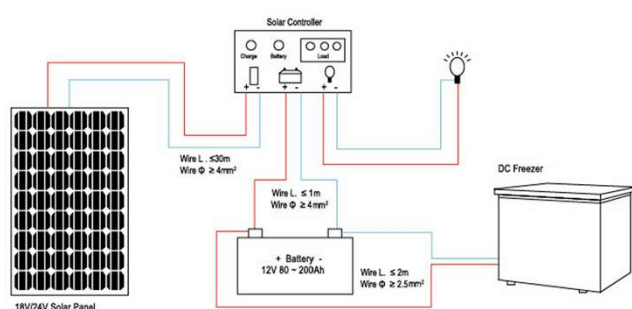
If 200L or over 200L capacity freezer, please choose 24V systems connection

Optional adaptor to run on AC power

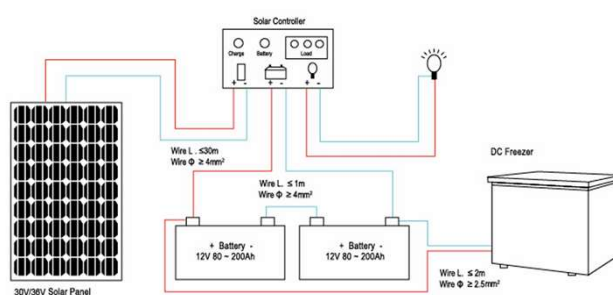
The kit include: DC cable, AC adaptor, 1xbasket, DC LED light, handle & lock, inner sliding tempered glass

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### 12V connection diagram



### 24V connection diagram



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## Solar DC Vertical Freezer

Model	GTF-DCV-80Q		GTF-DCV-180Q	
Rated Power	78W		88W	
Rated Voltage(DC)	12/24V		12/24V	
Storage Volume(L)	80		180	
Freezing Temp Range	0~ -23℃		0~ -23℃	
Refrigerant	R134a			
Compressor type	DC Compressor			
Input Voltage	AC 110-220V OR AC to DC 12/24V			
Climate type	T, ST	T, ST	T, ST	T, ST
Insulation Foaming Thickness(mm)	70	70	70	70
Defrost Type	Manual			
Type	Chest Freezer			
Unit Net Dimensions(L/W/H/mm)	454x480x880		556X543X1400	
Unit Ship Dimensions(L/W/H/mm)	515X515X930		575X585X1446	
Net Weight(kg)	20		43	
Shipping Weight(kg)	22		47	
40GP(units)	232		144	

Digital temperature display with Remote control

Works with both 12/24V systems (auto recognition), 12V system pls connect with 18V or 24V solar panel parallel, 24V system please connect with 30V or 36V solar panel parallel

Optional adaptor to run on AC power

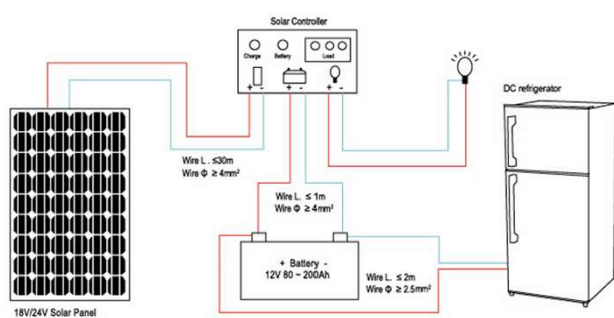
Removale strong drawer

Super freezing performance

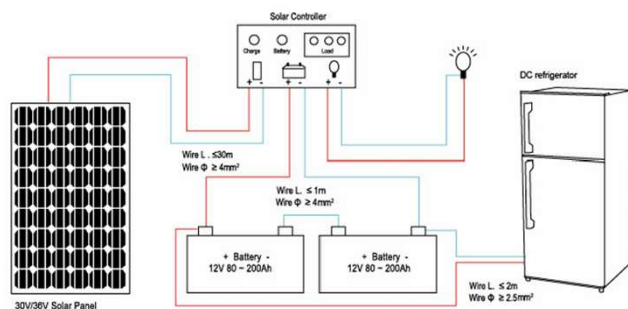
The kit include: DC cable, AC adaptor, 1xbasket, DC LED light, handle & lock, inner sliding tempered glass

Note: Parameters are subject to change without prior notice, please refer to the nameplate!

### 12V connection diagram



### 24V connection diagram



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# Solar DC technology

## Pure Sine Wave technology



Low noise: precisely control the rotational speed and torque of the motor, thereby lowering the operating noise of compressor.



High energy efficiency: Reduce harmonic losses, efficiency improved >70%



Equipment protection: The pure sine wave current/voltage prevents the motor from overheating or its insulation from aging

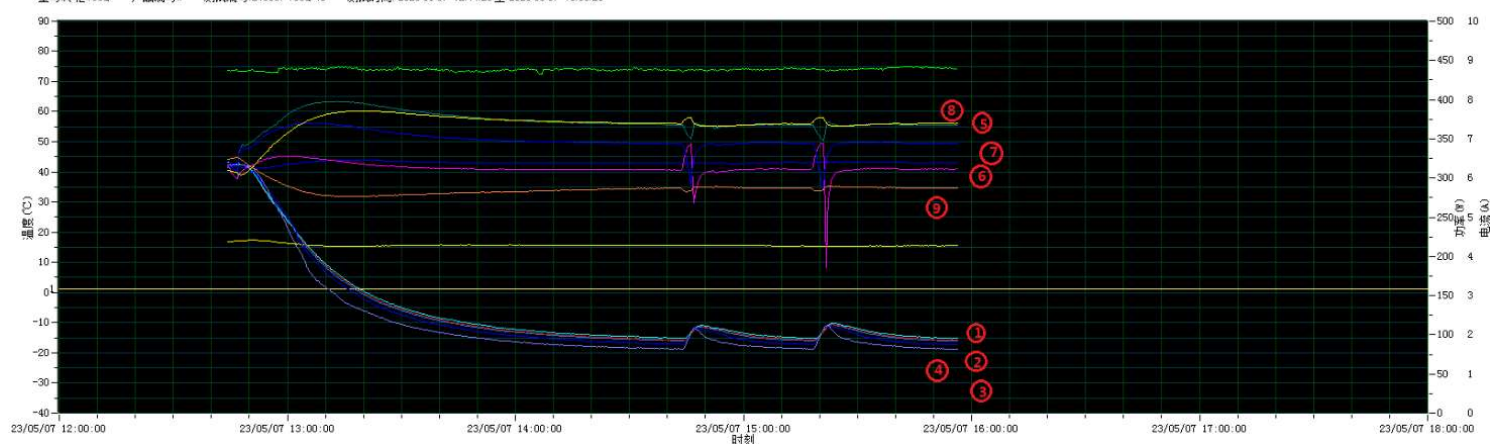


5+ years life design

## Test Under 43 Degree



型号: 冷柜108Q 产品编号: 测试编号: 240507108Q 43 测试时间: 2023-05-07 12:44:20 至 2023-05-07 15:56:20



## Key Components





# Smart Function

AC grid power and DC solar power auto balance




For Indoor and Outdoor  
Easy setting  
Monitor unit make energy saving visable  
Convenient & Long range remote control

## Solar Freezer



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