NEW COLLECTION

HELIOS

PV WATER HEATER

Reduce electricity consumption by up to

82%

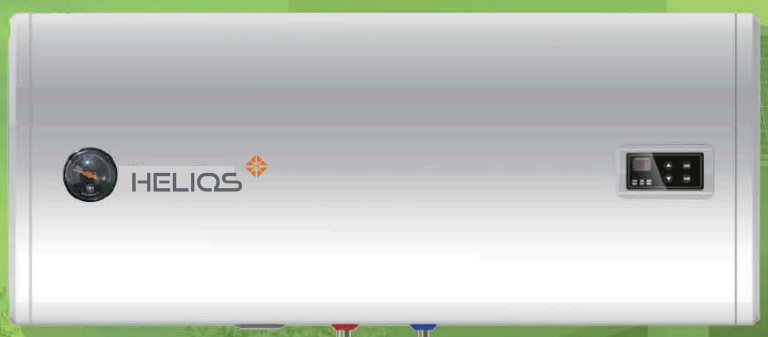
per year!





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WHAT ARE ITS
ADVANTAGES?



- GO GREEN
- REDUCE YOUR ENERGY BILL
- CONTROL THROUGH THE APP



Why choose our product?

- Save Money
- Mobile APP Live Control (Optional)
- Save Energy
- No Over-heating
- Power From The Sun
- Frost Resistant

Product Introduction

- PV and Grid combined heating hot water,intelligent switching
- *Advanced MPPT solar water heating controller,efficiency>99%
- Hot water output rate >70%
- Easy installation, reducing waterway installation
- Leakage protection and over temperature protection, safe and reliable

* Wall-hang water heater have No MPPT control.

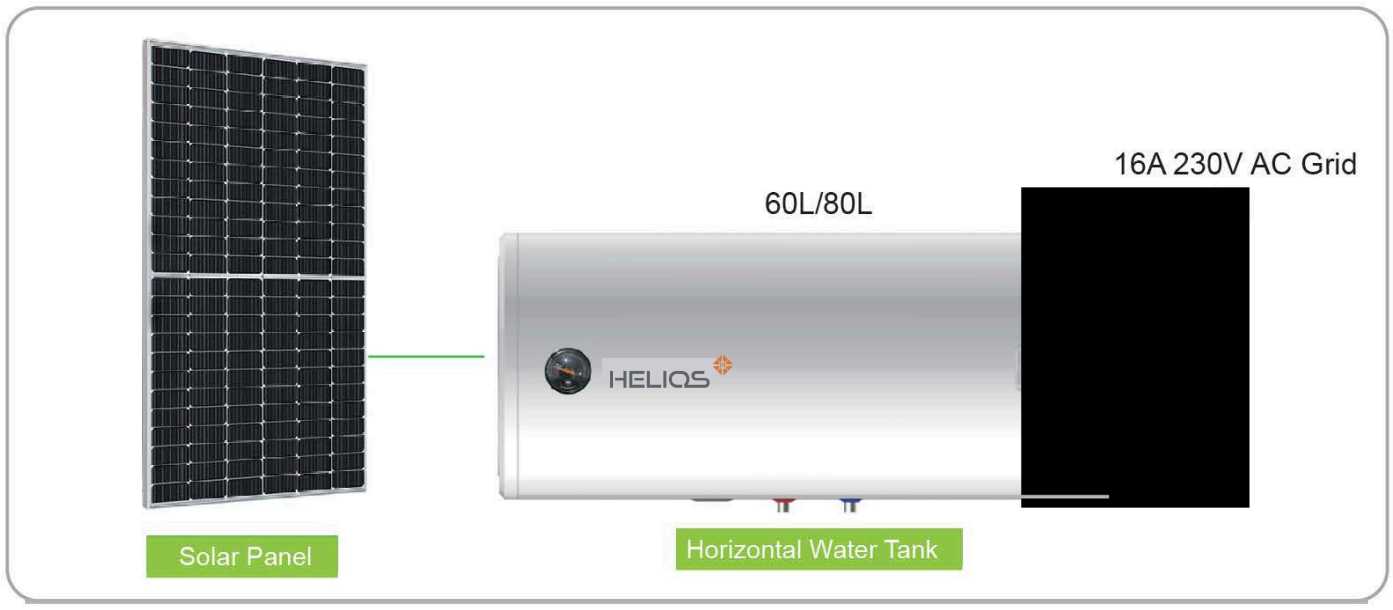


Wall-hang Series

Wall-hang Water Heater

*Manual Heating

*Keep Warm



Operating Mode

Manual Heating

When the water tank temperature is below the set temperature, press the "Manual Heating" button to activate the AC heating. The AC heating will stop once the set temperature is reached. This mode is executed only once.

Keep Warm

When the water tank temperature is 5 °C below the set temperature, press and hold the "Manual Heating" button to activate the AC heating. The heating will stop once the set temperature is reached. This mode will keep cycling.

* In both modes, the solar energy will continue to heat up until 75 °C.

Production Configuration

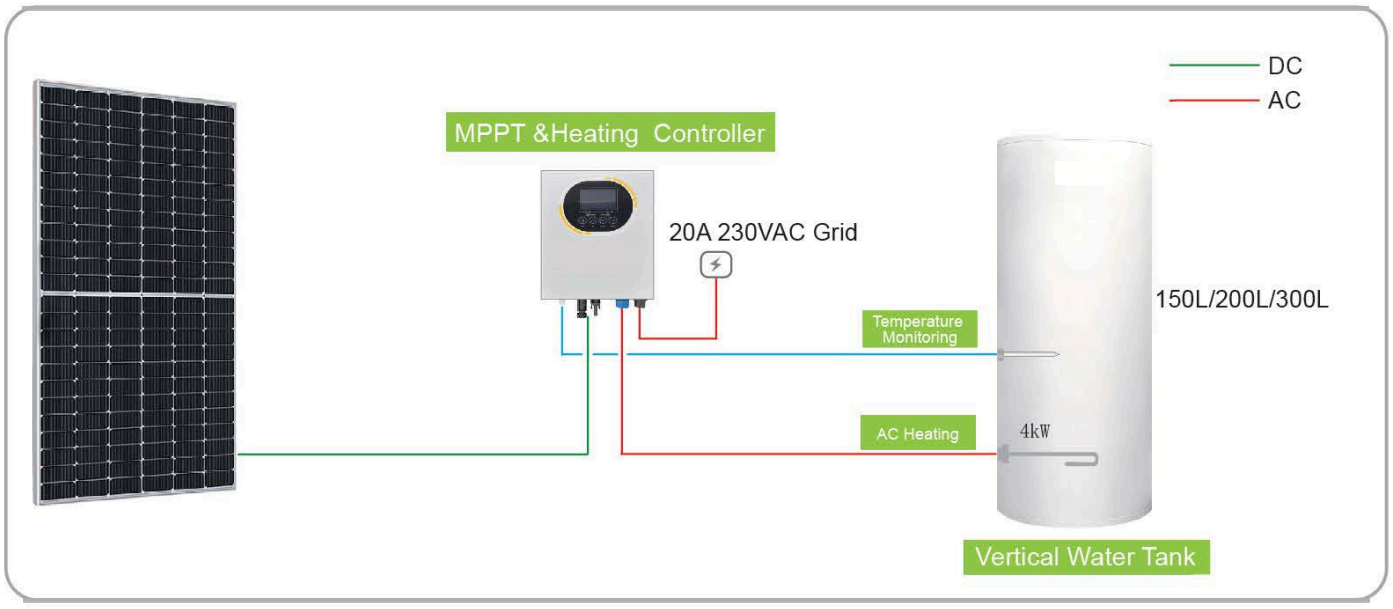


Model	GW-60-2/0.39-2	GW-80-2/0.39-2
Capacity	60L	80L
PV Input Data (No MPPT)		
DC Input Power	550-595W(one set PV panel)	
DC Electric heater Data		
DC Rated Power	42V/390W	
DC Rated Voltage	42V	
AC Electric heater Data		
AC Rated Power	230V/2000W	
AC Rated Voltage	230V	
Tank Data		
Temperature Setting Range	35°C-65°C	
ProtectionFunction	Leakage protection Over temperature protection	
Inner Liner Laterial	Enamel	
Rated pressure	0.7Mpa	
Protection level	IPX4	
Water Tank Size	ϕ468*730mm	ϕ468*920mm
Package Size	525*525*800mm	525*525*990mm

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Floor Standing Series

Floor-Standing PV Water Heater



*Timing Heating

*Manual Heating

Production Configuration



Model	GL-150-3/4-1	GL-200-4/4-1	GL-300-4/4-1
Capacity	150L	200L	300L
PV Input Data			
Recommend Input Power	2 set*(550-595)W	3 set*(550-595)W	4 set*(550-595)W
MPPT Operating Voltage Range	35 Vdc ~ 150 Vdc		
AC Rated Power	2000W		
AC Rated Voltage	220V		
DC Electric heater Data			
DC Rated Power	2000W		
DC Rated Voltage	120V		
Tank Data			
Inner Liner Laterial	Enamel		
ProtectionFunction	Leakage protection Over temperature protection		
Protection Level	IPX4		
Rated pressure	0.7Mpa		
Water Tank Size	ϕ520*1190mm	ϕ520*1540mm	ϕ630*1476mm
Package Size	575*575*1280mm	575*575*1600mm	690*690*1530mm
Water Tank Weight	47Kg	58Kg	78Kg

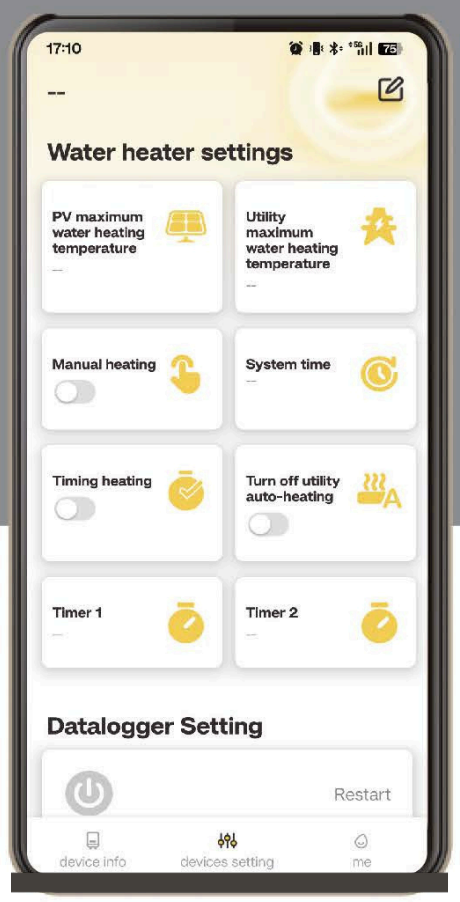
NOTE: Other models of water tanks can be customized according to demand.

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HELIOS

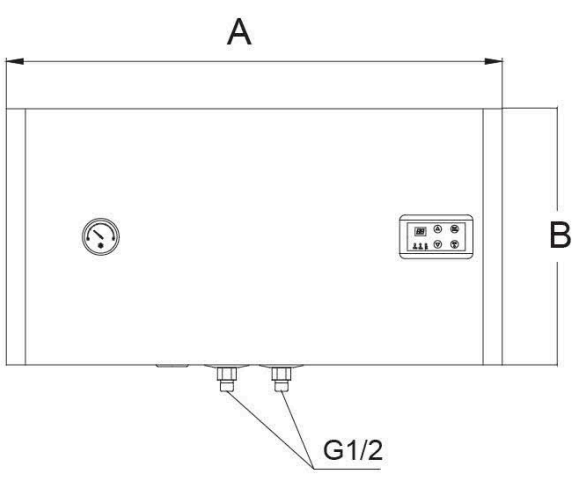


YEARLY SAVINGS ON YOUR ELECTRICITY

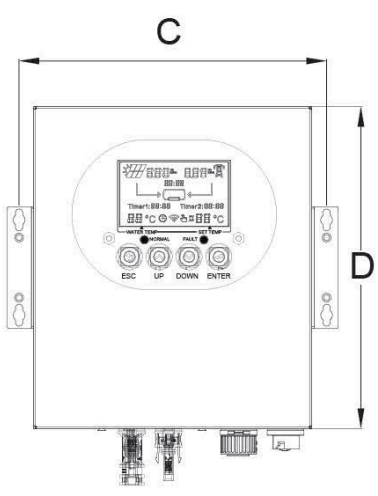
MPPT Water Heater Controller (Wifi Optional)		
PV Max.Input Power	3000W	4000W
Solar Input Current	≤15A	≤ 20A
MPPT Efficiency	>99%	
AC Grid Rated Voltage	230VAC	
AC Grid Working Voltage	180~260VAC	
AC Load Rated Power	230V/4000W	
AC Load RatedCurrent	≤20A	
Temperature Setting Range	PV heating set :50℃~75℃ AC heating set :30℃~75℃	
Dimensions	258*190*84.5mm	
Net Weight	2.75Kg	
Gross Weight	3.1Kg	
Ingress Protection	IP65	

Production Sizes

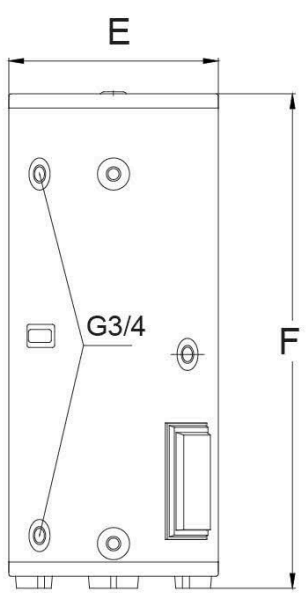
Model \ Size	A/F (mm)	B/E (mm)	C (mm)	D (mm)	Packaged size	Loading information 20GP/40HQ
GW-60-2/0.39-2	730	φ468	210	220	52.5*52.5*80	116/299
GW-80-2/0.39-2	920	φ468	210	220	52.5*52.5*99	88/200
GL-150-3/4-1	1190	φ520	210	220	57.5*57.5*128	40/160
GL-200-4/4-1	1540	φ520	210	220	57.5*57.5*160	40/80
GL-300-4/4-1	1476	φ630	210	220	69*69*153	24/51



Wall-mounted water tank（60L/80L）



MPPT Heating Controller



Floor-standing water tank (150L/200L/300L)

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