

— *Enameled steel*

# Solar PV electric water heater



Revolutionary solution combining photovoltaic technology and electric water heaters



## 30+ years service life

Our system boasts a service life of over 30 years, ensuring a reliable and durable solution for your hot water needs.



## 24+ hours pressurized hot wates

Enjoy uninterrupted hot water supply with our 24+ hours pressurized hot water feature. Around the clock, a steady stream of hot water is at your fingertips.

## Technical Data

Water tank volunce	Power of PV panels	PV panels	Size	Max. working voltage	Weight
60L/80L	550w	1	2279*1134*35mm	41.29V	29kg
100L	1100w	2	2279*1134*35mm	82.58V	29kg

## Water heater parameters

Item	Unit	F60-20/5.5G01	F80-20/5.5G01	F100-20/11G01
Votalge and frequency	V/Hz	220/50	220/50	220/50
Tank volunce	L	60	80	100
Tank dimension	mm	φ410*836	φ480*788	φ480*938
Tank package dimension	mm	555*485*915	585*545*920	585*545*1070
Outer tank material			Painted steel	
Outer tank thickness	mm	0.4	0.45	0.45
Insulation material			Polyurethane	
Insulation material thickness	mm		35	
Inner tank material			SPCC with enamel coating	
Inner tank material thickness	mm		2	
Inlet and outlet size	mm		G1/2	
Anode protection material			MGAZ63B	
Anode protection size	mm		φ21*260	
Electrical heater material			SUS316L	
Power of AC electrical heater	w		2000	
Rated working pressure	bar		8	
Max. heating temperature	°C		75	
Gross weight	Kg	24	28.5	32.5
Installation type			Horizontally hang on the wall	

## Electrical performance parameters at STC

Pmax(W)0-+5W	Umop	Impp	Uoc±3%	Isc±3%	Module Efficiency	Max System Voltage	Max Series Fuse
535W	40.84V	13.11A	49.36V	13.55	20.71%	1500V	25A
540W	41.03V	13.17A	49.47V	13.64	20.90%	1500V	25A
545W	41.16V	13.25A	49.61V	13.72	21.10%	1500V	25A
550W	41.29V	13.33A	49.72V	13.81	21.29%	1500V	25A
555W	41.42V	13.40A	49.87V	13.88	21.48%	1500V	25A



## Temperature in crease of 30+°C , 70% energy from the sun

Experience a remarkable 30+°C increase in water temperature, with 70% of the energy used directly from the sun. Cost-effective and sustainable hot water throughout the year.



## Remote WIFI control

Seamlessly control your water heating system with our user-friendly remote control. From any corner at house, managing your hot water supply has never been so convenient.