

MODEL	LSW-HC4000
scope of application	The MPPT water heater controller is only suitable for heating resistance loads through solar energy, and this controller can only be used for connecting resistance equipment or AC water heaters with a heating power of 230V/4000W.
PHOTOVOLTAIC CHARACTERISTICS	
Solar Max. Input power	4000W
Solar input current	≤20A
Solar input voltage range	160Vdc~420Vdc
MPPT operating voltage range	120Vdc~330Vdc
MPPT efficiency	>99%
AC CHARACTERISTICS	
AC heating rated power	4000W
AC rated voltage	230Vac
AC working voltage range	180Vac~260Vac
AC rated current	≤20A
LOAD REQUIREMENT	
Load	It can be connected to 230Vac/4000W PTC resistance heating element.
MACHINE CHARACTERISTICS	
LCD display	The LCD display can display the temperature of the water tank, and the adjustable range of solar and mains heating temperature is 35-80 °C (factory default: solar heating is set to 70 °C, and mains heating is set to 45 °C).
Conversion method	Solar heating priority, no solar conversion to mains heating
Protection	Over-temperature protection, over-current protection, mains over-voltage protection
Output terminal	PV IN, AC OUT, AC IN Water temperature detection probe interface
waterproof level	IP33