MINIPOWER INVERTER

FOR DHW

AIR-TO-WATER HEAT PUMP

−20°C ... +43°C

-20°C... +43°C | Max. water temperature +55°C | Self-diagnostics | Auto-protection | Anti-corrosive Coating | DC-Inverter Compressor | Timer | Wired Controller | Intelligent Defrosting | Wi-Fi

- Convenient for the reconstruction of the existing heating system, as it can work with a tank and does not require a tank with a built-in heat exchanger.
- The possibility of cascade and weather-dependent control using the CH Smart application.
- Inverter control logic with optimal power-consumption ratio supports nominal power with minimum consumption figures.
- Pipeline diameter DN20 is popular among heating engineers.
- Control of the refrigeration cycle using a pressure switch.
- Compact Dimension.
- Pipe-in-pipe heat exchanger (CH-WH5.0MIPRK) that allows you to save on water treatment.
- turns on and off the electric heater built into the hot water tank.
- The possibility of integration into the system of central control of devices compatible with TUYA.

tuya

MINIPOWER INVERTER
SERIES

TECHNICAL PARAMETERS

		CH-WH5.0MIPRK
Power supply	**–**	~220–240V/50 Hz/1 Ph
Min./Max. voltage	**V**	185/264
Heating capacity	**W**	5000
	Btu/hours	18000
Water flow	**l/h**	108
Power input for heating	**W**	1200
Current input for heating	**A**	5,50
Power input	**W**	1900
Current input	**A**	8,9
COP	**W/W**	4,35
Compressor Trademark	**–**	GMCC
Compressor type	**–**	Rotary
Outdoor Unit Air Flow Volume	**m^3/h**	1800
Operation Ambient Temperature Range	**°C**	-20~43
Throttling Method	**–**	Electronic expansion valve
Defrosting method	**–**	Automatic defrosting
Moisture protection	**–**	IP24
Sound pressure level	**dB(A)**	50
Sound power level	**dB(A)**	62
Piping inlet/outlet	**inch**	3/4 Male
Dimensions (W×D×H)	**mm**	863×598×372
Packing dimensions (W×D×H)	**mm**	941×663×412
Net weight	**kg**	35
Gross weight	**kg**	39
Refrigerant	**–**	R32
Refrigerant charge	**kg**	0,4

(1) Testing conditions:
Outdoor temperature: 20 °C DB/15 °C WB, start/end hot water temperature: 15 °C /55 °C