

EVIPOWER INVERTER SERIES

FOR HEATING OR
COOLING AND DHW

- ▶ Maximum water heating temperature up to 60°C.
- ▶ Use of
- ▶ EVI DC inverter technology.
- ▶ New generation 5-inch touchscreen LCD SMART Display.
- ▶ 4G MMN (Management and Monitoring Network) module.
- ▶ Weather-dependent mode function.
- ▶ Integration with the IoT cloud platform.
- ▶ Cascade control of up to 16 heat pumps via the MXL280 central controller.



-25°C... +43°C



Max. water temperature



Energy Efficiency



Self-diagnostics



Auto-protection



Anti-corrosive Coating



EVI Compressor



Timer



Wired Controller



Intelligent Defrosting



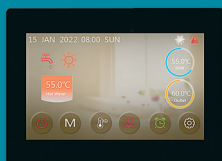
Intelligent Control



4G



BMS Control Systems



+60°C



+15°C ... +43°C



-25°C ... +43°C



TECHNICAL PARAMETERS

		CH-HP08UIMPRK	CH-HP12UIMPRM	CH-HP20UIMPRM
Cooling capacity	kW	1.98-6.10	3.22-11.30	5.50-15.50
Heating capacity	kW	2.29-8.25	4.70-12.50	7.00-20.50
Power input for cooling	kW	0.70-2.22	1.27-4.64	1.50-6.00
Power input for heating	kW	0.63-1.81	1.08-3.44	1.50-6.00
SCOP	W/W	4.47	4.04	4.32
Max. power input	kW	2.9	4.64	7.20
Max. current input	A	13.0	7.6	12.0
Power supply		-220-240V/50 Hz/1 Ph	-380-415V/50 Hz/3 Ph	
Compressor type		Rotary		
Circulation pump		DC		
Number of fans		1	2	
Sound pressure level (1m)	dB(A)	37-54	42-55	44-58
Piping inlet/outlet		1" Female		1 1/4" Female
Water flow	m³/h	1	1.7	2.9
Heat exchanger resistance	kPa	28	35	65
Circulation pump pressure	m	5.5	5.5	12.5
Refrigerant charge volume	kg	1.3	1.6	2
Dimensions (W×D×H)	mm	1002×490×805	953×460×915	997×437×1315
Net weight	kg	90	100	155

Cooling: external temperature DB / WB 35 °C / 24 °C outlet water temperature 7 °C, inlet water temperature 12 °C.
 * Heating: external temperature DB / WB 7 °C / 6 °C outlet water temperature 35 °C, inlet water temperature 30 °C.

OVERALL DIMENSIONS

