

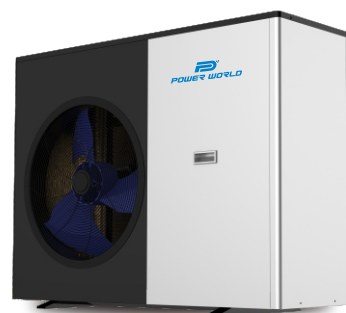


DC Inverter

POWER WORLD

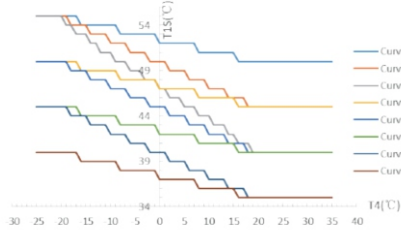
Easylife Plus Series

EVI DC INVERTER HEAT PUMP
Monoblock Type



EASYLIFE PLUS SERIES HEAT PUMP

The EASYLIFE PLUS Series heat pumps can be used in new buildings and retrofits, both residential and commercial buildings. It is a year-round heat source for heating, cooling and domestic hot water heating purpose.



16 Temp. curves inside



Ecological refrigerant



2 Zone Temp. Control



Smart Grid Ready



Compatible with E-Boiler



Built in 3Kw Backup E-heater



cascade Control, Maximum 8 unit



Panasonic Brand EVI Compressor



15 languages



Wifi As Standard



Fast hot water



IOT CS



Built-in SLDC Pump



Maximum LWT Reaches 60°C



High Temp. Sterilization



Allowable working Ambient Temp. Range from -30~43°C



EVI DC INVERTER HEAT PUMP FOR COOLING HEATING AND DHW (R32)

Model	PW030 -DKZLRS-D/S	PW040 -DKZLRS-D/S	PW040 -DKZLRS-D	PW050 -DKZLRS-D	PW060 -DKZLRS-D
Heating Condition: Ambient Temp. (DB/WB): 7°C/6°C, Water temperature(inlet/outlet): 30°C/35°C					
Heating Capacity Range (kW)	3.2~8.0	4.8~12.0	4.8~12.0	7.3~18.0	8.8~22.0
Heating Power Input Range(kW)	0.61~1.88	0.93~2.88	0.93~2.88	1.36~4.14	1.67~5.15
Cop range	4.26~5.23	4.17~5.18	4.17~5.18	4.35~5.36	4.27~5.28
Cooling Condition: Ambient Temp. (DB/WB): 12°C/7°C, Water temperature(inlet/outlet): 35°C/24°C					
Heating Capacity Range (kW)	2.9~7.2	4.3~10.8	4.3~10.8	6.0~15.0	7.4~18.5
Heating Power Input Range(kW)	0.64~1.97	0.97~3.03	0.97~3.03	1.29~4.00	1.63~5.05
COP Range	3.65~4.54	3.56~4.45	3.56~4.45	3.75~4.64	3.66~4.55
Heated water output (L/H)	154	232	232	322	397
DHW Condition: Ambient Temp. (DB/WB): 7°C/6°C, Water temperature(inlet/outlet): 15°C/55°C					
Cooling Capacity Range (kW)	2.5~6.2	3.3~8.2	3.3~8.2	5.1~12.6	6.0~15.0
Cooling Power Input Range(kW)	0.79~2.27	1.06~3.11	1.06~3.11	1.58~4.53	1.88~5.49
EER Range	2.73~3.15	2.64~3.10	2.64~3.10	2.78~3.23	2.73~3.19
ErP Level (35°C)	A+++	A+++	A+++	A+++	A+++
ErP Level (55°C)	A++	A++	A++	A++	A++
Power supply	230V/1Ph/50Hz/60Hz		380V/3Ph/50-60Hz		
Diameter of pipe (mm)	DN25	DN25	DN25	DN25	DN25
Water Flow(m3/h)	1.2	1.5	1.5	2.5	2.8
Water Pressure Drop (max) kPa	30	35	35	40	45
Water pump type	Adjustable DC inverter				
Max water head(m)	9	9	9	12	12
Auxiliary electric heater(kW)	3	3	3	3	3
Expansion vessel(L)	2	5	5	5	5
Safety valve(MPa)	0.3	0.3	0.3	0.3	0.3
Noise dB(A) at 1m	≤45	≤48	≤48	≤53	≤55
Net Weight (kg)	105	115	115	140	140
Net Dimension (L/W/H) mm	1150×460×820	1150×460×960	1150×460×960	1260×480×1060	1260×480×1060
Operation Ambient Temp. (°C)	-30~43				
Operating water temperature (°C)	20~55(DHW)				
Operating water temperature (°C)	20~60(Heating)				
Operating water temperature (°C)	7~35(Cooling)				

REMARK:

Heating working condition: Inlet water temperature 30°C, Outlet water temperature 35°C, Dry bulb temperature 7°C, Wet bulb temperature 6°C. Cooling working condition: Inlet water temperature 12°C, Outlet water temperature 7°C, Dry bulb temperature 35°C, Wet bulb temperature 24°C. DHW working condition: Inlet water temperature 15°C, Outlet water temperature 55°C, Dry bulb temperature 7°C, Wet bulb temperature 6°C.