

POWER WORLD

THE POWER TO PROMOTE WORLD DEVELOPMENT!


POWER WORLD



DC Inverter



EasyLife Plus Series

EVI DC INVERTER HEAT PUMP
Monoblock Type

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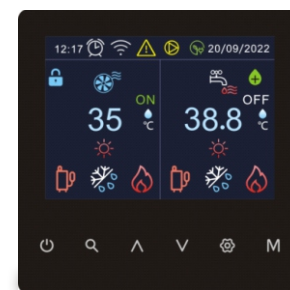
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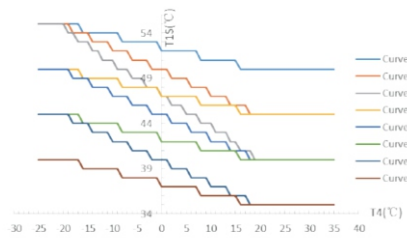
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Website: www.powerworld-e.com



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.