

EASYLIFE SERIES

EVI DC INVERTER HEAT PUMP

Monoblock Type



- Smart Mode
- Powerful Mode
- Silent Mode



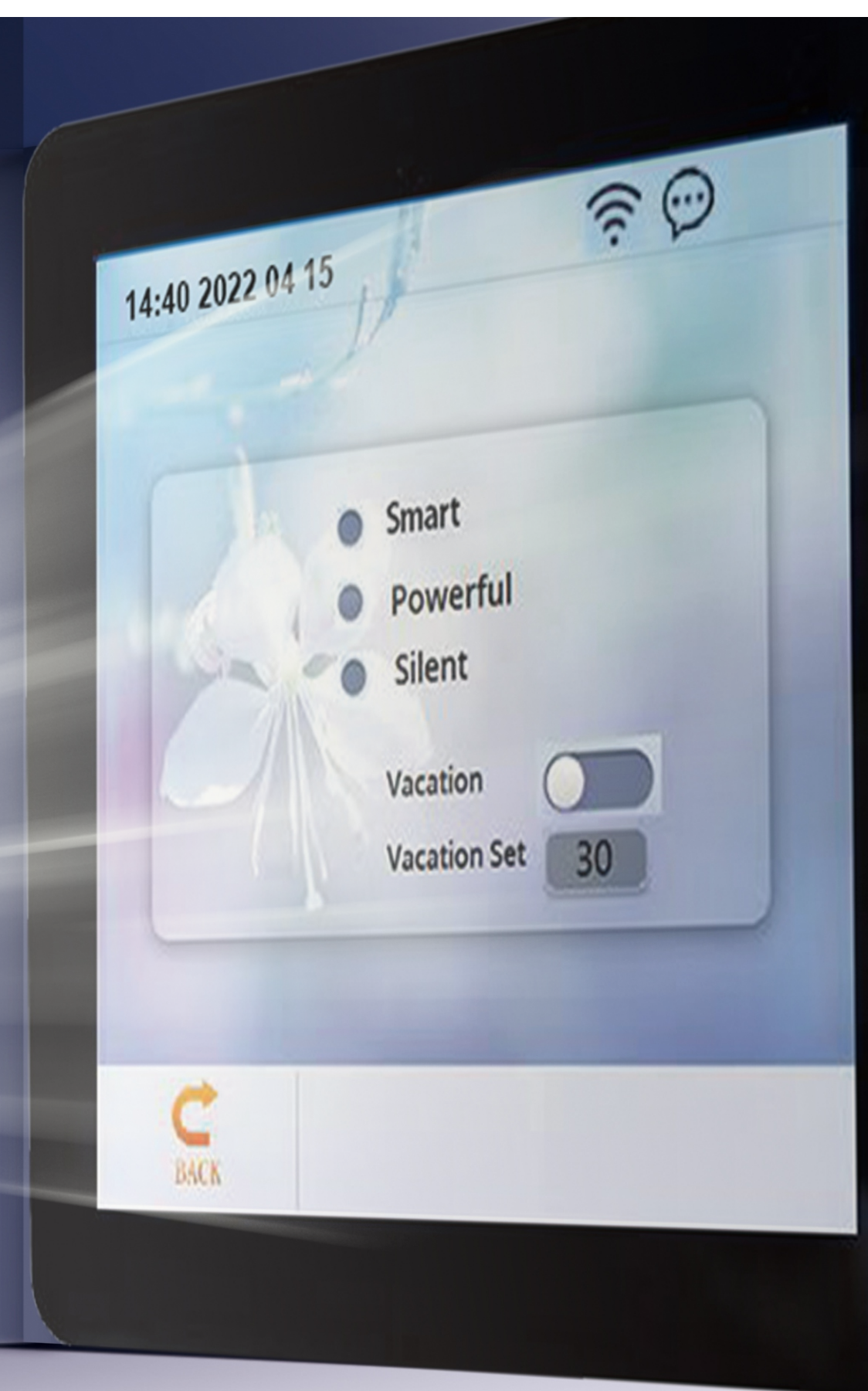
Vacation
Mode



AMBIENT -30°C
TEMPERATURE

ONE MACHINE

FOR MULTIPLE PURPOSES



- Only Heating
- Only Cooling
- Only DHW
- Heating+DHW
- Cooling+DHW

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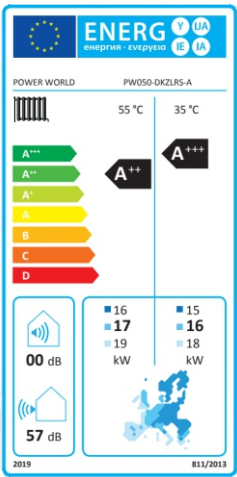


EasyLife Series DC Inverter EVI Heat Pumps is a multifunctional unit of heating, cooling and DHW. It creatively combines environmentally friendly R32 refrigerant with extremely cost-effective EVI full frequency conversion technology, especially the A+++ ERP energy label, which can operate stably in extremely cold areas of -30°C. The color LCD control panel, free wifi function, and ±0.1°C precise temperature control bring the ultimate smart home experience to users.

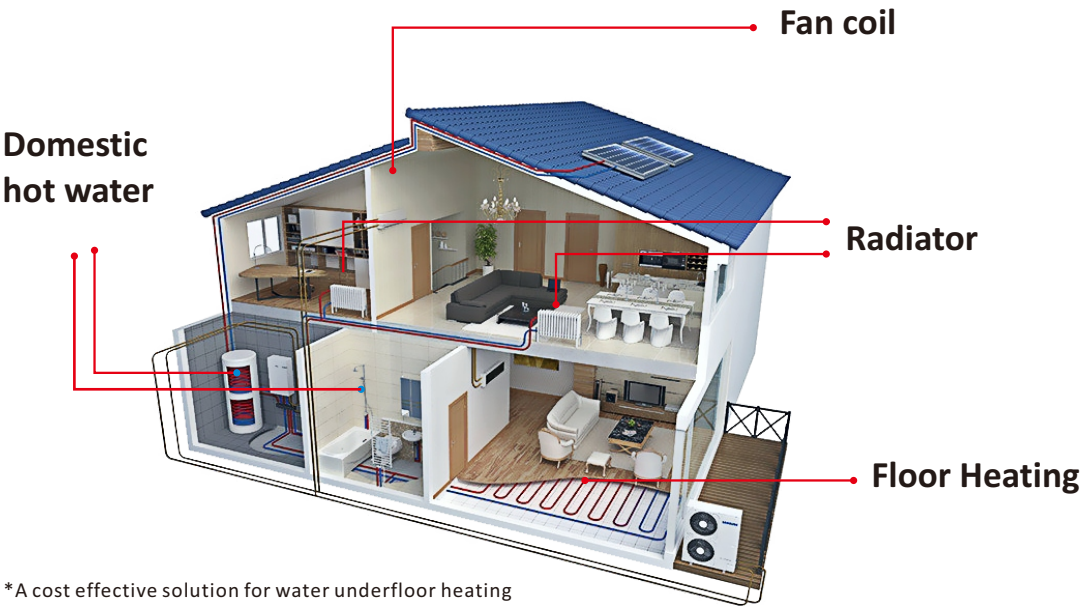
Energy label A+++ tested by TUV



- Energy label A+++
- SCOP up to 4.72
- Intelligent defrosting
- Two electric heater control ports
- Multiple noise reduction processes



MONOBLOCK HEAT PUMP APPLICATION SCENARIO



*A cost effective solution for water underfloor heating

Model	PW030 -DKZLRS-A	PW040 -DKZLRS-A	PW050 -DKZLRS-A	PW060 -DKZLRS-A	PW080 -DKZLRS-A	PW100 -DKZLRS-A
Heating Condition: Ambient Temp. (DB/WB): 7°C/6°C, Water temperature(inlet/outlet): 30°C/35°C						
Heating capacity range (kw)	1.57~8.40	4.40~13.00	5.9~18.2	7.5~23.0	10.2~28.0	12.8~35.0
Heating input range (kw)	0.32~1.87	0.90~3.02	1.20~4.11	1.53~5.23	2.07~6.36	2.61~7.99
Current range (A)	1.42~8.30	1.39~4.68/ 4.12~13.8	1.86~6.37/ 5.49~18.8	2.37~8.11	3.70~11.4	4.67~14.3
Cop range	4.49~4.91	4.30~4.90	4.43~4.92	4.40~4.90	4.40~4.92	4.38~4.90
Cooling Condition: Ambient Temp. (DB/WB): 12°C/7°C, Water temperature(inlet/outlet): 35°C/24°C						
Cooling capacity range (kw)	0.99~6.22	2.80~8.20	3.81~11.53	4.73~14.6	6.54~19.8	8.13~24.6
Cooling input power(kw)	0.29~2.18	0.85~3.31	1.11~4.05	1.39~5.14	1.92~6.97	2.42~8.75
Current range (A)	1.28~9.67	1.32~5.13/ 3.89~15.1	1.72~6.28/ 5.08~18.5	2.16~7.97	3.43~12.5	4.33~15.6
Eer range	2.85~3.41	2.48~3.29	2.85~3.43	2.84~3.40	2.84~3.40	2.81~3.36
DHW Condition: Ambient Temp. (DB/WB): 7°C/6°C, Water temperature(inlet/outlet): 15°C/55°C						
Heating capacity range (kw)	1.28~6.81	3.52~10.50	4.80~14.72	6.1~18.5	12.3~20.4	13.6~22.6
Heating input range (kw)	0.31~2.13	0.88~3.39	1.17~4.60	1.53~5.97	2.8~5.37	3.09~5.95
Current range (A)	1.38~9.45	1.36~5.26/ 4.03~15.5	1.82~7.15/ 5.35~21.1	2.37~9.26	5.0~9.6	5.52~10.6
Cop range	3.2~4.1	3.1~4.0	3.2~4.1	3.1~4.0	3.8~4.4	3.8~4.4
Erp level (35°c)	A+++	A+++	A+++	A+++	A+++	A+++
Erp level (55°c)	A++	A++	A++	A++	A++	A++
Refrigerant	R32					
Power supply	230V/1Ph/ 50-60Hz	380V-400V/3Ph/50-60Hz or 220V-230V/1Ph/50-60Hz		380V-400V/3Ph/ 50-60Hz		
working area	-30~43°C					
Water circulation(m³/h)	1.4	2.2	3.1	4.0	4.8	6
Water pressure drop(kpa)	31	25	35	45	40	50
Ip grade(level of protection)	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Anti-electric shock rate	I	I	I	I	I	I
Noise (dB(A))	≤53	≤55	≤57	≤58	≤62	≤66
Net weight/Gross weight(kg)	110/120	140/150	170/180	180/190	210/220	230/240
Diameter of pipe (mm)	DN25	DN25	DN25	DN25	DN32	DN32
Body size(W*D*H) (mm)	970×475×835	1100×475×985	1050×480×1330	1050×480×1330	1160×500×1580	1160×500×1580
Loading quantity (20GP/40GP/40HQ)	44/88/88	44/88/88	22/42/42	22/42/42	18/40/40	18/40/40
Operating water temperature (°c) DHW	9~55°C					
Operating water temperature (°c) Heating	9~50°C					
Operating water temperature (°c) Cooling	7~35°C					

Note:

The data above is for reference only,
Please refer to the nameplate on the unit if for more specific data.