

INVERTER SMART SERIES

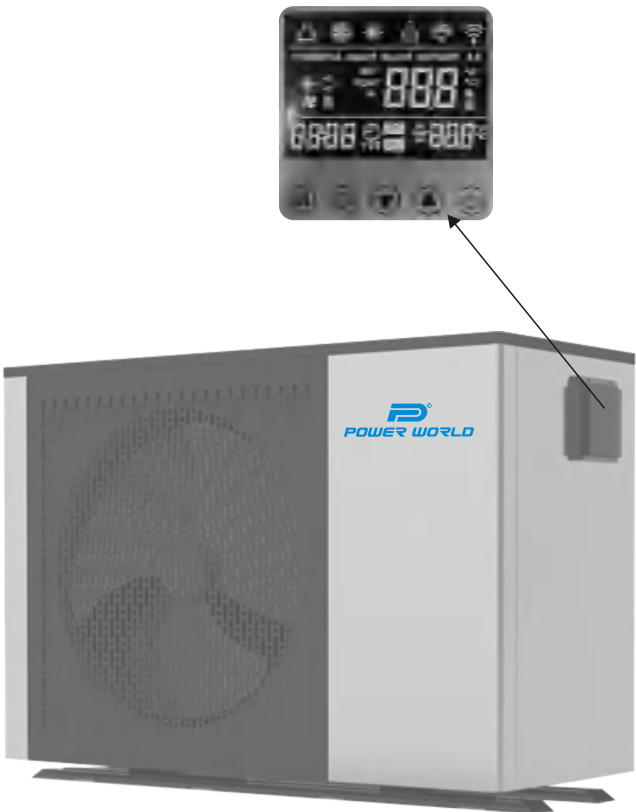
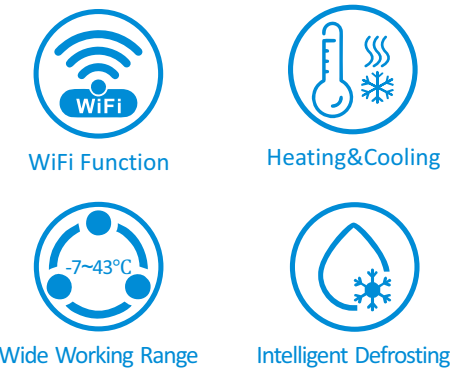


Smart Series R32 Full Inverter Swimming Pool Heat Pump with the use of an inverter compressor, variable speed fan and logical control board, which can achieve energy saving, fast heating cooling, and high accuracy of the temperature control. It is a cost-effective option in our products.

13.4
COP

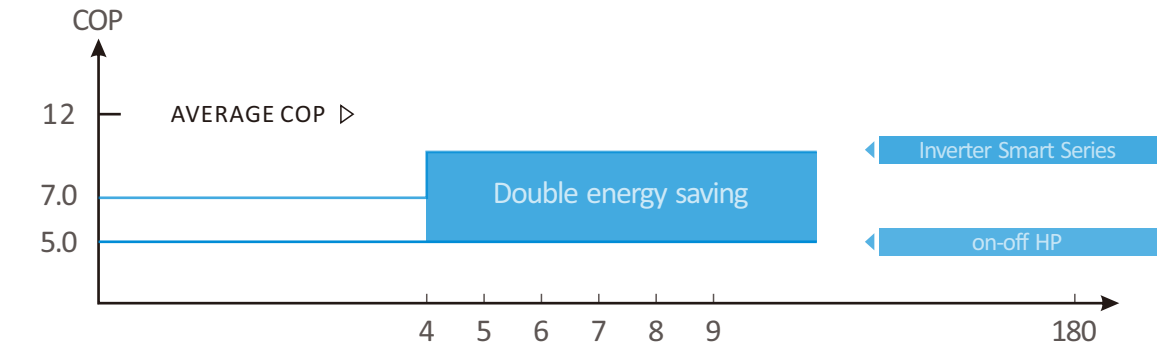


- Mixed color design(customizable)
- LCD control panel (language customizable)
- Novelty screwless design
- Multiple noise reduction design



SAVE ENERGY AND SPEED UP HEATING TIME

Inverter Smart Series VS on/off HP(in 180 days pool season)



Model	PW010 -KZXYC-C	PW015 -KZXYC-C	PW020 -KZXYC-C	PW030 -KZXYC-C	PW040 -KZXYC-C	PW050 -KZXYC-C	Pw060 -KZXYC-C
Advised pool volume (m3) ①	15~30	20~40	25~50	30~60	40~75	55~100	55~100
Operating air temperature (°C)	-7~43°C						
Performance Condition: Air 27°C, Water 26°C, Humidity 80%							
Heating capacity (kW)	7.50~1.92	9.50~2.10	11.00~2.50	14.00~3.15	17.00~3.75	20.00~4.00	24.00~4.80
Heating capacity (Btu)	25500~6528	32300~7140	37400~8500	47600~10710	57800~13090	68000~13600	81600~16320
Consumed power (kW)	1.36~0.15	1.73~0.16	2.00~0.19	2.54~0.24	3.1~0.28	3.64~0.31	4.36~0.38
COP	5.5~12.8	5.5~13.1	5.5~13.2	5.5~13.0	5.5~13.4	5.5~12.9	5.5~12.8
COP at 50% capacity	9.0	9.5	9.5	9	9.5	9.5	9.5
Performance Condition: Air 15°C, Water 26°C, Humidity 70%							
Heating capacity (kW)	5.80~1.42	7.2~1.50	8.5~1.65	10.7~2.40	13.0~2.65	15.6~2.85	18.7~3.42
Heating capacity (Btu)	19720~4828	24480~5100	28900~5610	36380~8160	44200~9010	53040~9690	63580~11630
Consumed power (kW)	1.28~0.22	1.60~0.23	1.89~0.25	2.38~0.37	2.89~0.41	3.47~0.44	4.16~0.53
COP	4.5~6.5	4.5~6.5	4.5~6.5	4.5~6.5	4.5~6.5	4.5~6.5	4.5~6.5
COP at 50% capacity	5.2	5.5	5.5	5.2	5.5	5.5	5.5
Performance Condition: Air 35°C, Water 28°C, Humidity 80%							
Cooling capacity (kW)	4	5.2	6	7.2	8.6	10.1	11.8
Sound pressure at 1m dB(A)	38~48	38~48	40~50	42~51	43~52	43~53	43~54
Sound pressure of 50% capacity at 1m dB(A)	40	40	41	43	44	44	45
Sound pressure at 10m dB(A)	18~25	18~25	19~26	22~27	23~30	24~31	25~32
Heat exchanger	Spiral titanium tube in PVC shell						
Casing	Metal Casing						
Refrigerant	R32						
Power supply	220V~230V/1 Ph/50Hz~60Hz						
Water connection (mm)	Φ50						
Rated input current at air 15°C (A)	5.6~1.0	7.0~1.0	8.3~1.1	10.5~1.6	12.6~1.8	15.2~1.9	18.5~2.3
Advised water flux (m³/h)	2~4	2~4	3~5	4~6	6~9	8~10	9~12
Water pressure drop (max) KPa	2	3	4	5	5	6	8
Net weight / Gross weight (kg)	48/58	50/60	53/63	58/68	67/78	67/78	73/85
Product size (mm)	912*360*610				980*370*760		
Operating water temperature(°C) Heating	9~40°C						
Operating water temperature(°C) Cooling	9~35°C						

Note:

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

① The advised pool volumes are valid under ideal conditions: Air 27°C, Water 26°C, Humidity 80%, Pool covered with an isothermal cover.