

Solar Swimming Pool Heat Pump

For Above and In Ground Pools and Spas CB C € 



Hybrid Solar



Build in Solar MPPT



Precise
Temperature



Wi-Fi control



Eco Up to
Saving in day time



Model	Unit	DSPD1-ACDC-11R2	DSPD1-ACDC-15R2	DSPD1-ACDC-17R2
Rated Grid Power(AC)		208-240V 50/60Hz	208-240V 50/60Hz	208-240V 50/60Hz
Solar Panel Power(DC)		80-380V	80-380V	80-380V
Heating Capacity(27/24.3°C)	KW	2.1-11.2	2.3-15.0	2.4-17.0
Heating Power Input	KW	0.14-1.72	0.15-2.31	0.15-2.83
COP		15.5-6.5	15.8-6.5	16.0-6.0
Heating Capacity(15/12°C)	KW	1.6-8.0	1.8-10.5	1.9-13.0
Heating Power Input	KW	0.21-1.67	0.24-2.19	0.25-2.71
COP		7.7-4.8	7.5-4.8	7.6-4.8
Cooling Capacity(35/24°C)	KW	1.3-6.7	1.7-7.2	2.1-7.8
Cooling Power Input	KW	0.19-1.85	0.25-2.0	0.31-2.2
EER		6.9-3.6	6.8-3.6	6.7-3.5
Max Power Consumption	KW	2.11	2.97	2.97
Max Current(AC)	A	9.2	13.0	13.0
Max Current(DC)	A	20.0	20.0	20.0
Water Proof Level		IPX4	IPX4	IPX4
Electric Shock Prevention		Class I	Class	Class
Refrigerant		R32	R32	R32
Compressor	TYPE	Rotary	Rotary	Rotary
	BRAND	HIGHLY	PANASONIC	PANASONIC
Water Side Heat Exchanger		Titanium	Titanium	Titanium
Air Side Heat Exchanger		Finned tube	Finned tube	Finned tube
Fan Power Input	W	55	55	55
Fan Direction		Horizontal	Horizontal	Horizontal
Water Connection	mm	48.3	48.3	48.3
Water Flow Volume	m³/h	3.2	4.0	4.6
Water Pressure Drop(max)	KPa	5.5	8.0	10.0
Max. Pool Volume	m³	25~50	30~60	35~65
Noise(1m)	dB(A)	39-51	42-53	43-54
Unit Net Dimensions(L/W/H)	mm	995x432x633	995x432x633	995x432x633
Unit Ship Dimensions(L/W/H)	mm	1063x475x695	1063x475x695	1063x475x695
Net Weight	kg	45	48	50
Shipping Weight	kg	50	53	55

Heating: Outdoor air temp: 27/24.3°C, Inlet water temp: 26°C

Outdoor air temp: 15/12°C, Inlet water temp: 26°C

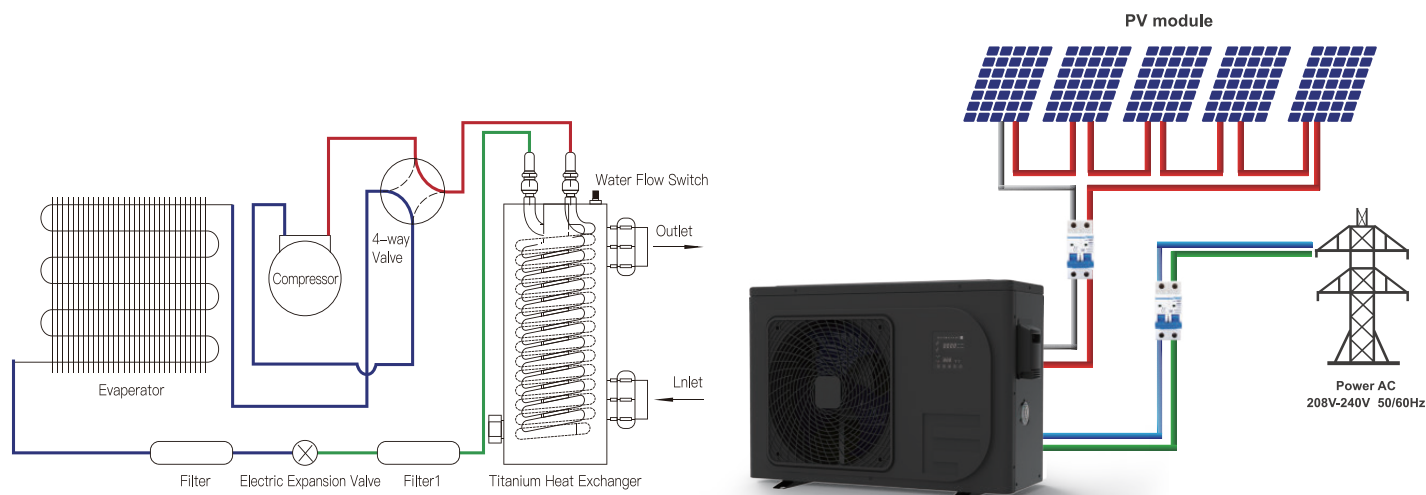
Operating range:

Ambient temperature: -15~43°C

Inlet Water temperature: 10~35°C

Cooling Capacity at Air 35°C, Outlet water temp: 27°C

Note: Parameters are subject to change without prior notice, please refer to the nameplate!



- **Efficient** - Eco Up to Saving in day time
- **Smart** - WIFI Monitoring & Intelligent Protections
- **Quiet** - Compressor Dual Shock Absorption
- **Secure** - Explosion-proof



Low Noise Operation



Precise Temperature



Eco Up to
Saving in day time



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Deye

86-0574 6397 1382

www.deyesolar.com

solarac.sales@deye.com.cn

Zhejiang Deye Electrical Appliances Co., Ltd. No. 889 Waitang Road, Haiyan, Jiaxing, Zhejiang, 314300 P.R. China