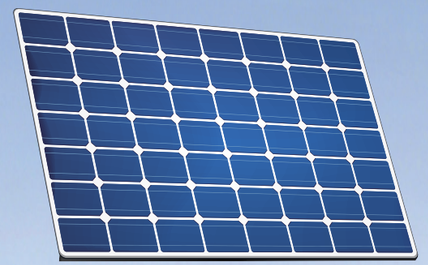
605117
STOCK CODE

SOLAR WATER PUMP

PRODUCT SPECIFICATION SHEET



0.4-3.0Kw Submersible Solar Pump
1.1-2.2Kw Surface Solar Pump
1.1-2.2Kw Swimming Pool Solar Pump
5.5-13Kw High Speed Submersible Solar Pump







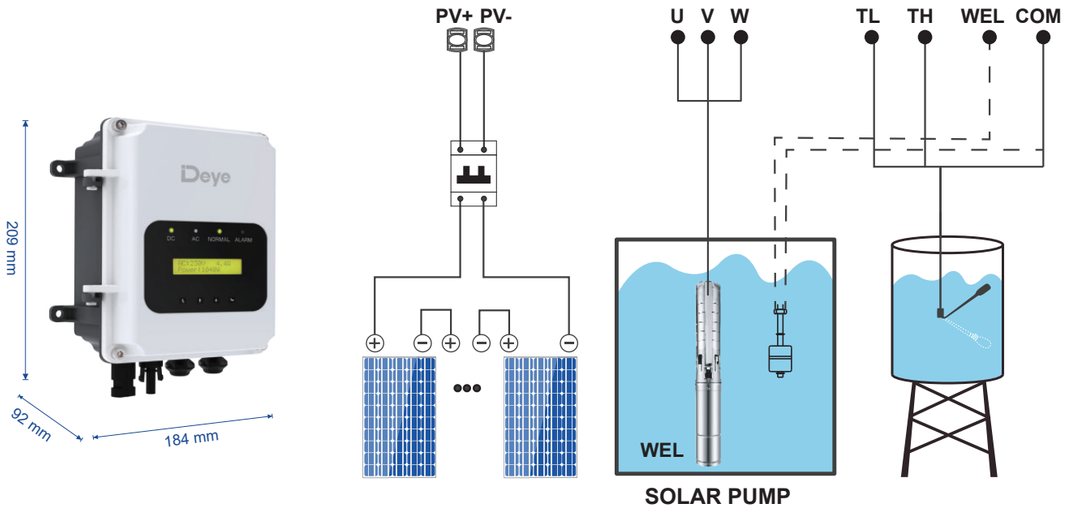
solarac.sales@deye.com.cn 86-0574 6397 1382 www.deyesolar.com
Zhejiang Deye Electrical Appliances Co., Ltd.No.889 Waitang Road, Haiyan, Jiaxing, Zhejiang, 314300 P.R.China



DC Pump Controller Specifications (400-1500W)

Controller Model	Adaptable Pump (W)	DC Voltage Input Range (V)	Maximum DC Input Current (A)	Maximum DC Power Input (W)	Optimum Input Voltage (V)	IP Rating	Operating Temperature Range (℃)	Net / Gross Weight (kg)
DY-D900DC	400	30-110	18	600	60-100	IP65	-15～60	1.5 1.68
	600			900	60-100			
DY-D2000DC	800	60-220		1200	90-160			
	1100			1700	130-200			
	1500			2050	160-220			

DC Controller and Pump Wiring Diagram



Technical Characteristics

Solar Pure
Solar pure DC input.

Maximum Input
Maximum input current 18A

Controller
Working environment humidity 30% -90%

Automatic Shutdown
Automatic shutdown when the water tank is full

Water Shortage Protection
Direct current reverse protection and indicator light reminder.

Timed Detection
Regular incoming water detection

DC Reverse Connection Protection
Connection protection and indicator light reminder

Solar MPPT
MPPT tracking technology

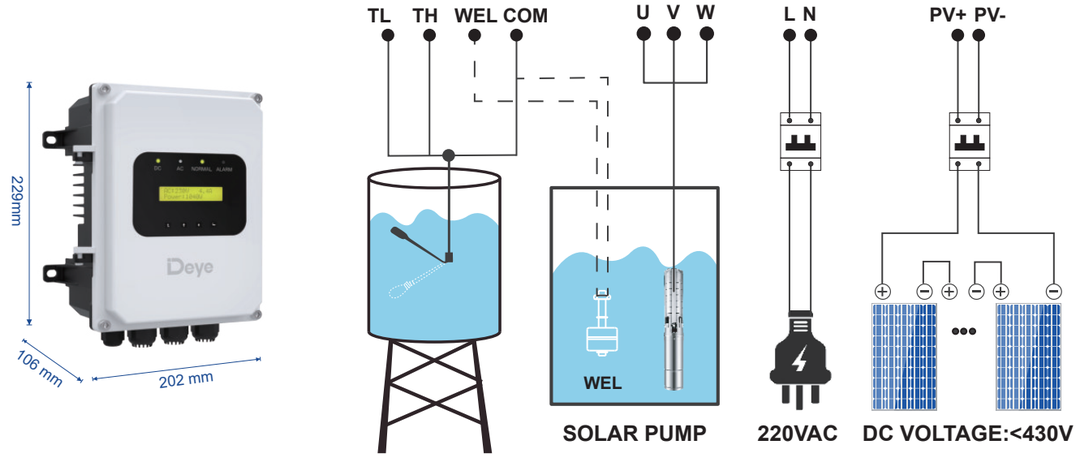
Permanent Magnet Synchronous Motor
Position-free on field-oriented control

Six Protection Functions
Over/under voltage, over current, phase loss, short circuit, anti-reverse connection, high temperature

Auto-switch AC/DC Pump Controller Specifications (1100-3000W)

Controller Model	Adaptable Pump (W)	DC Voltage Input Range (V)	Maximum DC Input Current (A)	AC Voltage Input Range (V)	Maximum AC Input Current (A)	Maximum Power Input (W)	Optimum Input Voltage (V)	Operation Mode	IP Rating	Operating Temperature Range (℃)	Net / Gross Weight (kg)
[Auto-switch] DY-D3600AC/DC	1100	80-430	20	136-264	24	1700	130-400	AC/DC Switching	IP65	-15～60	2.2 2.6
	1500					2050	160-400				
	2200					2850	220-400				
	3000					3000	280-400				

Auto-switch AC/DC Controller and Pump Wiring Diagram



Technical Characteristics

Control Chip
Imported main control chip

Intelligent Protection on Motor Drive
Never-burn machine

Permanent Magnet Synchronous Motor
Position-free on field-oriented control

Wide Voltage Input
80~430V DC, 136~264V AC

Solar Power Input
Prioritize solar power

Solar tracking technology
MPPT tracking technology

Real-Time Data Model
Real-time data monitoring, optimizing the system

Error Code Memory
Error reporting, storing fault code history, simplifying troubleshooting

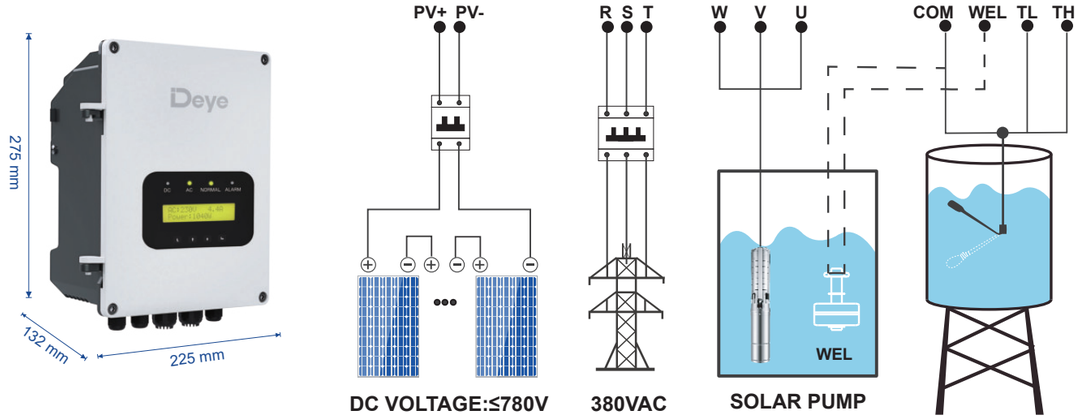
Smart 7/24 Timer
Automation and energy saving

Liquid Crystal Display
Enhanced user convenience and experience

Auto-switch AC/DC Pump Controller Specifications (5500-13000W)

Controller Model	Adaptable Pump (W)	DC Voltage Input Range (V)	Maximum DC Input Current (A)	AC Voltage Input Range (V)	Maximum AC Input Current (A)	Maximum Input Power (W)	Operation Mode	IP Rating	Operating Temperature Range (°C)	Net / Gross Weight (kg)
[Auto-switch] DY-D13600AC/DC	5500	200-780	17-32	280-528	28	5800	AC/DC Switching	IP65	-15～60	4.2 5.0
	7500					7500				
	9200					9200				
	11000					11300				
	13000					13600				

Auto-switch AC/DC Controller and Pump Wiring Diagram



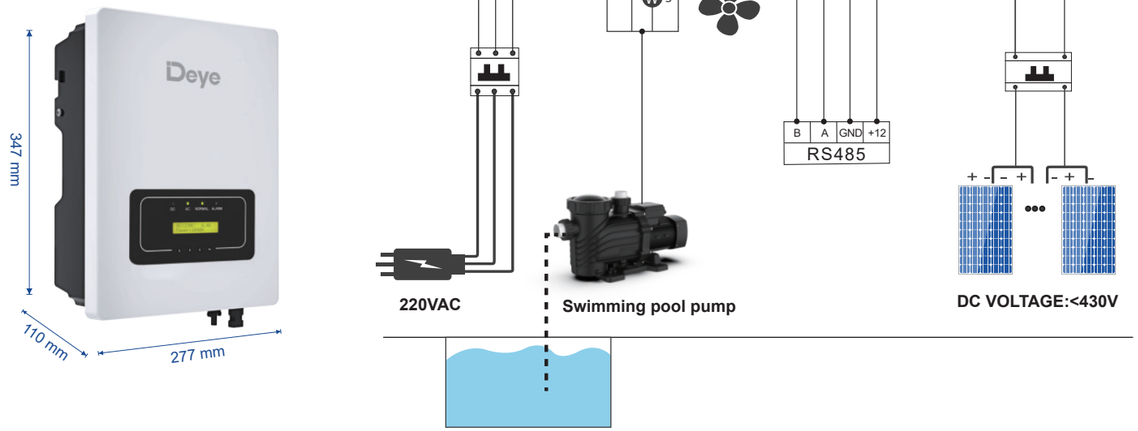
Technical Characteristics

- **Control Chip** — Imported main control chip.
- **Intelligent Protection on Motor Drive** — Never-burn machine
- **Permanent Magnet Synchronous Motor** — Position-free on field-oriented control
- **Wide Voltage Input** — 200~780V DC, 280~528V AC
- **Solar Power Input** — Prioritize solar power
- **Solar Mppt** — MPPT tracking technology
- **Real-Time Data Model** — Real-time data monitoring, optimizing the system
- **Error Code Memory** — Error reporting, storing fault code history, simplifying troubleshooting
- **Smart 7/24 Timer** — Automation and energy saving
- **Liquid Crystal Display** — Enhanced user convenience and experience

ACDC Hybrid Pump Controller Specifications (1100-2200W)

Controller Model	Adaptable Pump (W)	DC Voltage Input Range (V)	Maximum DC Input Current (A)	AC Voltage Input Range (V)	Maximum AC Input Current (A)	Maximum AC Power Input (W)	Optimum Input Voltage (V)	IP Rating	Operating Temperature Range (°C)	Net / Gross Weight (kg)
[Hybrid] DY-B3000ACDC	1100	80-410	14	136-264	15	1700	130-400	IP65	-15～60	6.2 7.73
	1500					2050	160-400			
	2200					2850	220-400			

ACDC Hybrid Controller and Pump Wiring Diagram



Technical Characteristics

- **Control Chip** — Imported main control chip.
- **Smart Hybrid ACDC Auto Balance**
- **Permanent Magnet Synchronous Motor** — Position-free on field-oriented control
- **Wide Voltage Input** — 80~410V DC, 136~264V AC
- **Solar Power Input** — Prioritize solar power input
- **Solar Mppt** — MPPT tracking technology
- **Digital Active PFC** — Power Factor Up to 99.9%
- **Intelligent Protection on Motor Drive** — Never-burn Machine
- **Built-in PV Leakage Protection Circuit** — Safe and Reliable.
- **Wiring Convenience**

Submersinle Solar Pump Model

3 C1100 / PC 4.5 - 165

- Max.Head
- Max.Flow
- Pump Impeller:
  Plastic Impeller pump(PC)
  Stainless Steel Impeller (SC)
- Motor
- Pump Diameter



Plastic (PC)

Stainless steel (SC)

Applications

For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

3" 4"Operating Conditions

Maximum fluid temperature up to +30℃
Maximum sand content : 0.25%
Minimum well diameter : 3" 4"

Motor and Pump

NEMA dimension standards

Plastic Impeller Pump (PC)

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ② Cast-Cu ASTM C8850 ③ AISI 304 SS
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AIS I304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Applications

For water supply from wells or reservoirs
For domestic use,for civil and industrial applications
For garden use and irrigation

4" 6"Operating Conditions

Maximum fluid temperature up to +50℃
Maximum sand content : 0.25%
Minimum well diameter : 4" 6"

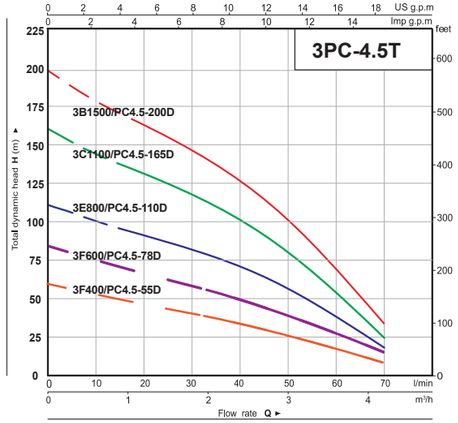
Motor and Pump

NEMA dimension standards

Stainless Steel Impeller (SC)

Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ② Cast-Cu ASTM C8850 ③ AISI 304 SS
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Plastic Impeller Submersible Solar Pump (PC)





Plastic Impeller Submersible Solar Pump (PC)

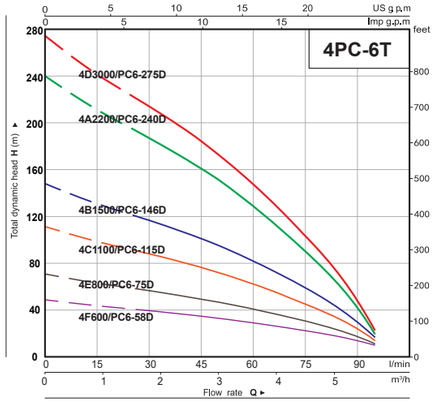
3PC-4.5T TECHNICAL DATE

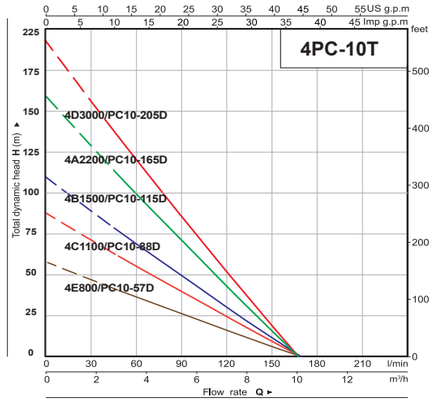
Model	Power (W)	Voltage (V)	DELIVERY Q										nmax≈4500r/min
			m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	3.9	4.2	
			l/min	0	10	20	30	40	50	60	65	70	
3F400/PC4.5-55D	400	65~100	H(m)	55	53	42	38	30	24	18	16	9	
3F600/PC4.5-78D	600	65~100		78	70	67	60	50	39	32	18	14	
3E800/PC4.5-110D	800	90~160		110	102	97	85	70	58	45	32	16	
3C1100/PC4.5-165D	1100	130~200		165	146	140	121	102	83	68	51	32	
3B1500/PC4.5-200D	1500	160~240		200	186	174	154	122	103	83	60	34	

DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm)			Weight(kg)		
					P	M	T	P	M	T
3F400/PC4.5-55D	DY-D900DC		75mm	1.25″/1.5″	355	238	593	1.8	3.0	4.8
3F600/PC4.5-78D	DY-D900DC				401	238	639	2.0	3.0	5.0
3E800/PC4.5-110D	DY-D2000DC				470	258	728	2.3	3.5	5.8
3C1100/PC4.5-165D	DY-D2000DC	DY-D3600AC/DC			592	278	870	2.7	4.0	6.7
3B1500/PC4.5-200D	DY-D2000DC	DY-D3600AC/DC			701	298	999	3.3	4.6	7.9







4PC-6T TECHNICAL DATE

Model	Power (W)	Voltage (V)	DELIVERY Q m³/h	0	0.9	1.8	2.7	3.0	3.6	4.5	5.4	5.7
			Q l/min	0	15	30	45	50	60	75	90	95
4F600/PC6-58D	600	65~100	H(m)	58	53	48	41	37	31	19	7	5
4E800/PC6-75D	800	90~160		75	68	63	54	51	44	31	15	10
4C1100/PC6-115D	1100	130~200		115	109	100	83	78	68	48	27	19
4B1500/PC6-146D	1500	160~240		146	131	119	104	97	87	62	32	24
4A2200/PC6-240D	2200	220~400		240	220	195	168	150	132	88	48	38
4D3000/PC6-275D	3000	280~400		275	262	232	205	188	171	127	79	62

nmax≈4500r/min

DIMENSIONS AND WEIGHTS — P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm) P	M	T	Weight(kg) P	M	T
4F600/PC6-58D	DY-D900DC		100mm	1.25″/1.5″	290	260	550	2.6	5.0	7.6
4E800/PC6-75D	DY-D2000DC				315	269	584	2.8	5.5	8.3
4C1100/PC6-115D	DY-D2000DC	DY-3600AC/DC			394	284	678	3.2	6.3	9.5
4B1500/PC6-146D	DY-D2000DC	DY-3600AC/DC			467	309	776	3.8	7.3	11.1
4A2200/PC6-240D	DY-3600AC/DC				563	329	892	4.3	8.0	12.3
4D3000/PC6-275D	DY3600AC/DC				643	329	972	4.9	8.0	12.9

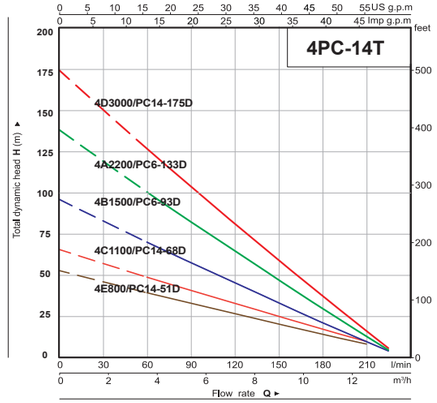
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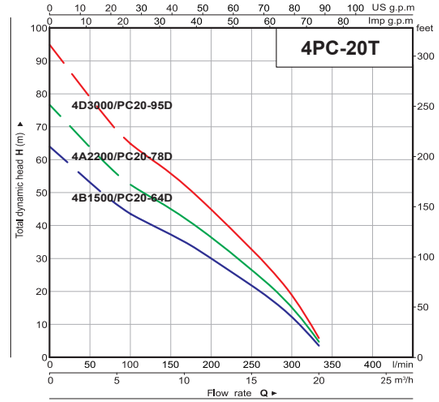
Model	Power (W)	Voltage (V)	DELIVERY Q m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6
			Q l/min	0	20	40	60	80	100	120	140	160
4E800/PC10-57D	800	90~160	H(m)	57	54	52	50	43	36	28	20	10
4C1100/PC10-88D	1100	130~200		88	80	78	76	63	53	40	25	11
4B1500/PC10-115D	1500	160~240		115	106	102	99	81	68	48	31	13
4A2200/PC10-165D	2200	220~400		165	153	141	138	113	95	70	40	14
4D3000/PC10-205D	3000	280~400		205	187	182	169	143	118	90	62	20

nmax≈4500r/min

DIMENSIONS AND WEIGHTS — P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm) P	M	T	Weight(kg) P	M	T
4E800/PC10-57D	DY-D2000DC		100mm	1.5″/2″	278	269	547	2.6	5.5	8.1
4C1100/PC10-88D	DY-D2000DC	DY-D3600AC/DC			335	284	619	3.0	6.3	9.3
4B1500/PC10-115D	DY-D2000DC	DY-D3600AC/DC			422	309	759	3.4	7.3	10.7
4A2200/PC10-165D	DY-D3600AC/DC				507	329	836	4.0	8.0	12.0
4D3000/PC10-205D	DY-D3600AC/DC				563	329	892	4.4	8.0	12.4





4PC-14T TECHNICAL DATE

Model	Power (W)	Voltage (V)	DELIVERY Q m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	13.2
			Q l/min	0	30	60	90	120	150	180	210	220
4E800/PC14-51D	800	90~160	H(m)	51	43	38	33	26	19	12	5	2
4C1100/PC14-68D	1100	130~200		68	61	56	50	41	31	23	11	8
4B1500/PC14-93D	1500	160~240		93	81	73	65	51	35	26	13	9
4A2200/PC14-133D	2200	220~400		133	116	104	92	73	54	36	18	11
4D3000/PC14-175D	3000	280~400		175	146	127	123	100	77	57	33	23

nmax≈4500r/min

DIMENSIONS AND WEIGHTS — P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm) P	M	T	Weight(kg) P	M	T
4E800/PC14-51D	DY-D2000DC		100mm	2″	307	269	576	2.5	5.5	8.0
4C1100/PC14-68D	DY-D2000DC	DY-D3600AC/DC			341	284	625	2.8	6.3	9.1
4B1500/PC14-93D	DY-D2000DC	DY-D3600AC/DC			442	309	751	3.4	7.3	10.7
4A2200/PC14-133D	DY-D3600AC/DC				511	329	840	3.8	8.0	11.8
4D3000/PC14-175D	DY-D3600AC/DC				580	329	909	4.1	8.0	12.1

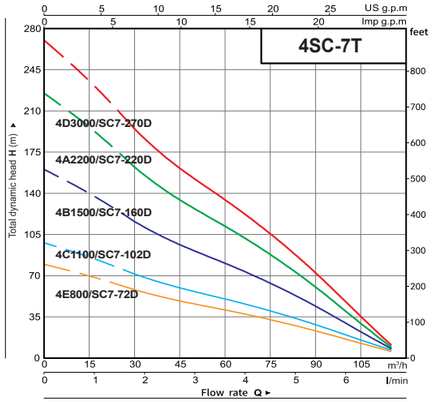
4PC-20T TECHNICAL DATE

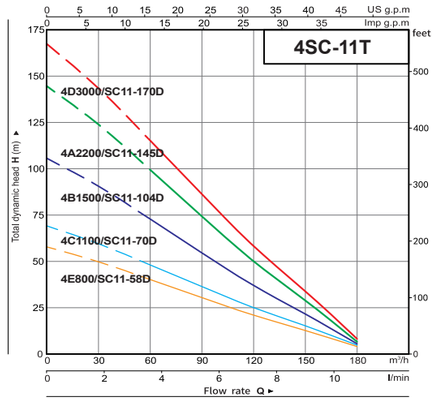
Model	Power (W)	Voltage (V)	DELIVERY Q m³/h	0	2.4	4.8	7.2	9.6	12.0	14.4	16.8	19.2
			Q l/min	0	40	80	120	160	200	240	280	320
4B1500/PC20-64D	1500	160~240	H(m)	64	58	48	42	36	31	24	16	6
4A2200/PC20-78D	2200	220~400		78	77	68	60	52	44	35	25	14
4D3000/PC20-95D	3000	280~400		95	91	86	68	60	58	44	32	22

nmax≈4500r/min

DIMENSIONS AND WEIGHTS — P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm) P	M	T	Weight(kg) P	M	T
4B1500/PC20-64D	DY-D2000DC	DY-D3600AC/DC	100mm	2″/2.5″	372	309	681	3.7	7.3	11.0
4A2200/PC20-78D	DY-D3600AC/DC				448	329	777	3.9	8.0	11.9
4D3000/PC20-95D	DY-D3600AC/DC				491	329	820	4.1	8.0	12.1





4SC-7T TECHNICAL DATE

Model	Power (W)	Voltage (V)	DELIVERY Q m³/h	0	0.9	1.8	2.4	3.6	4.5	5.4	6.3	6.9
			Q l/min	0	15	30	45	60	75	90	105	115
4E800/SC7-72D	800	90~160	H(m)	72	67	61	51	46	36	27	17	9
4C1100/SC7-102D	1100	130~200		102	97	96	86	68	55	43	23	12
4B1500/SC7-160D	1500	160~240		160	151	130	116	90	70	49	28	15
4A2200/SC7-220D	2200	220~400		220	215	190	168	128	100	73	40	20
4D3000/SC7-270D	3000	280~400		270	258	240	182	158	140	105	70	38

nmax≈4500r/min

DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm) P	M	T	Weight(kg) P	M	T
4E800/SC7-72D	DY-D2000DC		100mm	1.5″	260	269	529	2.3	5.5	7.8
4C1100/SC7-102D	DY-D2000DC	DY-D3600AC/DC			302	284	586	2.8	6.3	9.1
4B1500/SC7-160D	DY-D2000DC	DY-D3600AC/DC			386	309	695	3.6	7.3	10.9
4A2200/SC7-220D	DY-D3600AC/DC				470	329	799	4.5	8.0	12.5
4D3000/SC7-270D	DY-D3600AC/DC				533	329	862	5.2	8.0	13.2

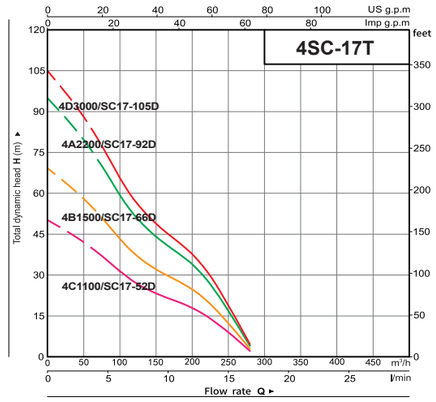
4SC-11T TECHNICAL DATE

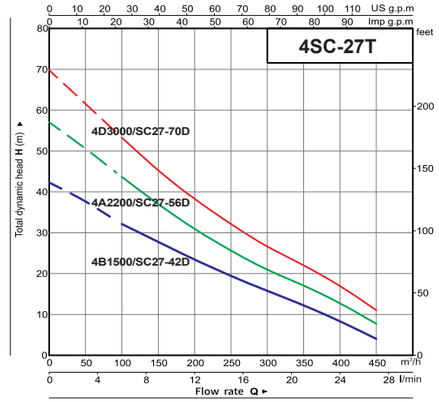
Model	Power (W)	Voltage (V)	DELIVERY Q m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6
			Q l/min	0	20	40	60	80	100	120	140	160
4E800/SC11-58D	800	90~160	H(m)	58	55	53	43	34	27	21	14	6
4C1100/SC11-70D	1100	130~200		70	67	65	59	50	41	34	26	17
4B1500/SC11-104D	1500	160~240		104	100	90	84	72	62	51	40	28
4A2200/SC11-145D	2200	220~400		145	137	131	115	98	81	65	49	30
4D3000/SC11-170D	3000	280~400		170	163	143	124	121	102	86	60	41

nmax≈4500r/min

DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm) P	M	T	Weight(kg) P	M	T
4E800/SC11-58D	DY-D2000DC		100mm	1.5″/2″	235	269	504	2.2	5.5	7.7
4C1100/SC11-70D	DY-D2000DC	DY-D3600AC/DC			256	284	540	2.4	6.3	8.7
4B1500/SC11-104D	DY-D2000DC	DY-D3600AC/DC			298	309	607	2.8	7.3	10.1
4A2200/SC11-145D	DY-D3600AC/DC				361	329	690	3.6	8.0	11.6
4D3000/SC11-170D	DY-D3600AC/DC				407	329	736	4.0	8.0	12.0





4SC-17T TECHNICAL DATE

Model	Power (W)	Voltage (V)	DELIVERY Q m³/h	0	2.4	4.8	7.2	9.6	10.8	12.0	14.4	16.8
			Q l/min	0	40	80	120	160	180	200	240	280
4C1100/SC17-52D	1100	130~200	H(m)	52	50	43	34	28	24	21	13	5
4B1500/SC17-66D	1500	160~240		66	62	55	44	36	33	29	19	9
4A2200/SC17-92D	2200	220~400		92	88	76	61	50	44	39	27	11
4D3000/SC17-105D	3000	280~400		105	104	86	81	70	52	55	40	26

nmax≈4500r/min

DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm) P	M	T	Weight(kg) P	M	T
4C1100/SC17-52D	DY-D2000DC		100mm	2″	366	284	650	4.1	6.3	10.4
4B1500/SC17-66D	DY-D2000DC	DY-D3600AC/DC			408	309	717	4.4	7.3	11.7
4A2200/SC17-92D	DY-D2000DC	DY-D3600AC/DC			492	329	821	5.1	8.0	13.1
4D3000/SC17-105D	DY-D3600AC/DC				541	329	870	5.4	8.0	13.4

4SC-27T TECHNICAL DATE

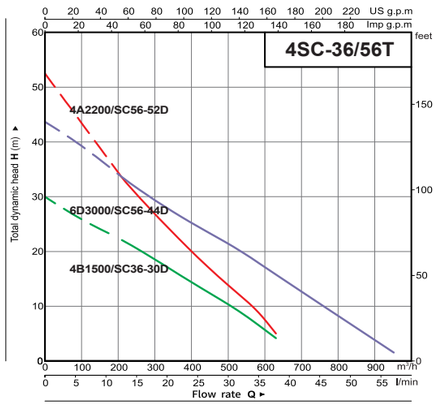
Model	Power (W)	Voltage (V)	DELIVERY Q m³/h	0	3.0	6.0	9.0	12	15	18	20	24
			Q l/min	0	50	100	150	200	250	300	333	400
4B1500/SC27-42D	1500	160~240	H(m)	42	41	34	29	24	20	16	13	6
4A2200/SC27-56D	2200	220~400		56	55	49	40	34	28	23	18	10
4D3000/SC27-70D	3000	280~400		70	68	65	54	48	37	33	25	17

nmax≈4500r/min

DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm) P	M	T	Weight(kg) P	M	T
4B1500/SC27-42D	DY-D2000DC	DY-D3600AC/DC	100mm	2″	349	309	658	4.5	7.3	11.8
4A2200/SC27-56D	DY-D3600AC/DC				399	329	728	4.9	8.0	12.9
4D3000/SC27-70D	DY-D3600AC/DC				455	329	784	5.3	8.0	13.3

Stainless Steel Impeller Submersible Solar Pump(SC)





Stainless Steel Impeller Submersible Solar Pump(SC)

6SC-36T TECHNICAL DATE

Model	Power (W)	Voltage (V)	DELIVERY									nmax≈4500r/min
			Q m³/h	0	5.0	10	18	20	23	25	28	33
			Q l/min	0	83	167	300	333	383	417	467	550
6B1500/SC36-30D	1500	160~240	H(m)	30	27	23	17	16	14	13	11	8
6A2200/SC36-52D	2200	220~400		52	45	37	27	25	22	19	16	10

DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller		Max.Outside Diameter	DN	Dimension(mm)			Weight(kg)		
					P	M	T	P	M	T
6B1500/SC36-30D	DY-D2000DC	DY-D3600AC/DC	145mm	3″/4″	311	309	620	3.7	7.3	11.0
6A2200/SC36-52D	DY-D3600AC/DC				360	329	695	4.9	8.0	12.9

6SC-56T TECHNICAL DATE

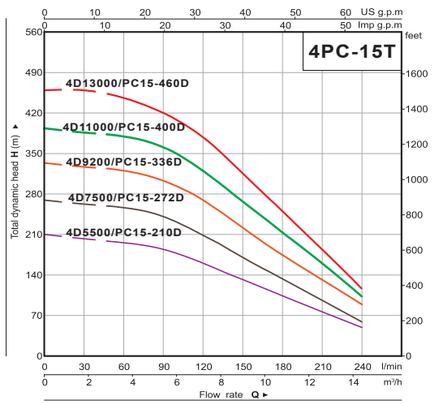
Model	Power (W)	Voltage (V)	DELIVERY									nmax≈4500r/min
			Q m³/h	0	6.0	12	18	24	30	36	42	54
			Q l/min	0	100	200	300	400	500	600	700	900
6D3000/SC56-44D	3000	280~400	H(m)	44	40	33	33	29	25	20	15	6

DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller	Max.Outside Diameter	DN	Dimension(mm)			Weight(kg)		
				P	M	T	P	M	T
6D3000/SC56-44D	DY-D3600AC/DC	145mm	3″/4″	448	329	777	7.1	8.0	15.1



High Speed Submersible Solar Pump (PC)





High Speed Submersible Solar Pump

4PC-15T TECHNICAL DATE

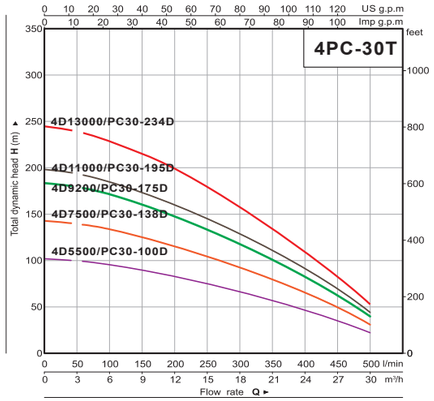
Model	Power (W)	Voltage (V)	DELIVERY									nmax≈5000r/min
			Q m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
			Q l/min	0	30	60	90	120	150	180	210	240
4D5500/PC15-210D	5500	520~650	H(m)	210	210	203	191	164	135	104	78	48
4D7500/PC15-272D	7500	520~650		272	265	259	247	210	170	134	97	59
4D9200/PC15-336D	9200	520~650		336	328	322	313	273	221	178	134	89
4D11000/PC15-400D	11000	520~650		400	386	378	371	323	261	210	160	103
4D13000/PC15-460D	13000	520~650		460	459	446	420	377	315	246	185	113

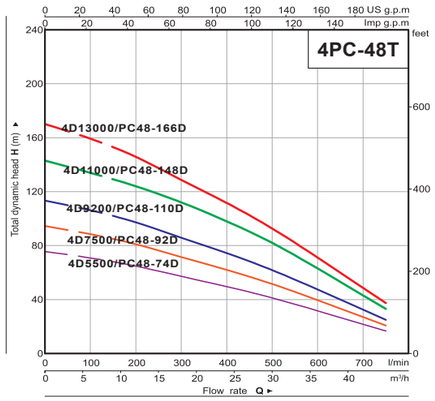
DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller	Max.Outside Diameter	DN	Dimension(mm)			Weight(kg)		
				P	M	T	P	M	T
4D5500/PC15-210D	DY-D13600AC/DC	100mm	2″/2.5″	612	419	1031	4.7	11.1	15.8
4D7500/PC15-272D	DY-D13600AC/DC			715	459	1174	5.4	13.0	18.4
4D9200/PC15-336D	DY-D13600AC/DC			818	509	1327	6.2	15.5	21.7
4D11000/PC15-400D	DY-D13600AC/DC			953	559	1512	7.2	18.2	25.4
4D13000/PC15-460D	DY-D13600AC/DC			1056	609	1665	8.0	20.7	28.7



High Speed Submersible Solar Pump (PC)





4PC-30T TECHNICAL DATE

Model	Power (W)	Voltage (V)	DELIVERY										nmax≈5000r/min
			Q m³/h	0	6	9	12	15	18	21	24	30	
			l/min	0	100	150	200	250	300	350	400	500	
4D5500/PC30-100D	5500	520~650	H(m)	100	95	89	83	73	64	54	45	22	
4D7500/PC30-138D	7500	520~650		138	133	125	117	103	90	73	63	31	
4D9200/PC30-175D	9200	520~650		175	170	161	150	132	116	98	80	40	
4D11000/PC30-195D	11000	520~650		195	189	179	167	147	129	111	89	44	
4D13000/PC30-234D	13000	520~650		234	227	214	200	176	154	133	107	53	

DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller	Max.Outside Diameter	DN	Dimension(mm)			Weight(kg)		
				P	M	T	P	M	T
4D5500/PC30-100D	DY-D13600AC/DC	100mm	2″/2.5″	493	419	912	3.6	11.1	14.7
4D7500/PC30-138D	DY-D13600AC/DC			586	459	1045	4.2	13.0	17.2
4D9200/PC30-175D	DY-D13600AC/DC			675	509	1184	5.2	15.5	20.7
4D11000/PC30-195D	DY-D13600AC/DC			763	559	1322	5.5	18.2	23.7
4D13000/PC30-234D	DY-D13600AC/DC			856	609	1465	6.2	20.7	26.9

4PC-48T TECHNICAL DATE

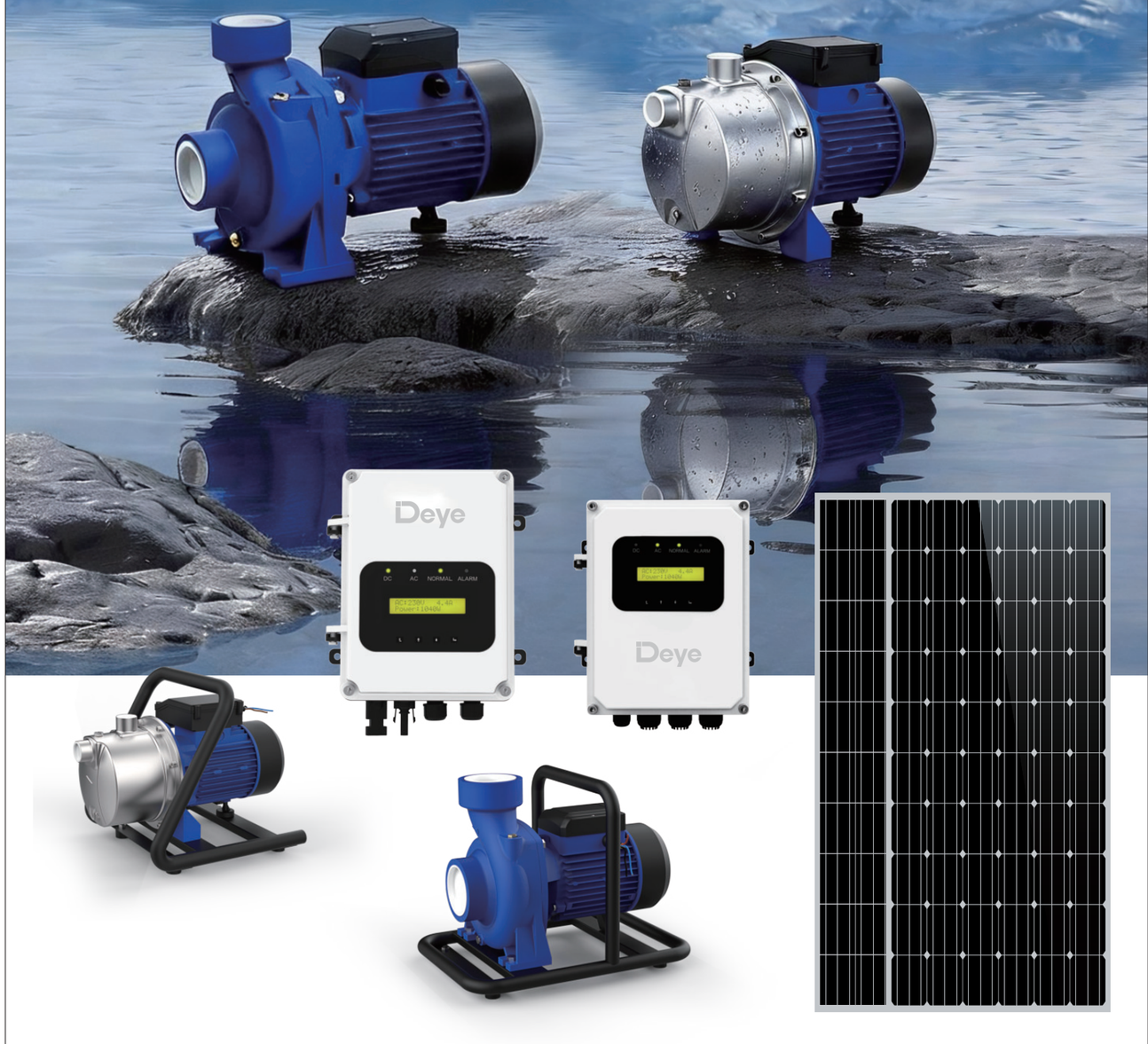
Model	Power (W)	Voltage (V)	DELIVERY										nmax≈5000r/min
			Q m³/h	0	6	12	18	24	30	36	42	48	
			l/min	0	100	200	300	400	500	600	700	800	
4D5500/PC48-74D	5500	520~650	H(m)	74	72	65	57	50	42	32	22	10	
4D7500/PC48-92D	7500	520~650		92	89	81	72	62	53	40	27	12	
4D9200/PC48-110D	9200	520~650		110	106	97	86	74	65	47	32	15	
4D11000/PC48-148D	11000	520~650		148	144	130	114	110	80	64	44	20	
4D13000/PC48-166D	13000	520~650		166	159	146	129	122	92	71	49	22	

DIMENSIONS AND WEIGHTS P= PUMP BODY M= MOTOR T= WATER PUMP

Model	Controller	Max.Outside Diameter	DN	Dimension(mm)			Weight(kg)		
				P	M	T	P	M	T
4D5500/PC48-74D	DY-D13600AC/DC	100mm	2.5″	570	419	989	4.2	11.1	15.3
4D7500/PC48-92D	DY-D13600AC/DC			680	459	1139	5.0	13.0	18.0
4D9200/PC48-110D	DY-D13600AC/DC			750	509	1259	5.4	15.5	20.9
4D11000/PC48-148D	DY-D13600AC/DC			881	559	1440	6.6	18.2	24.8
4D13000/PC48-166D	DY-D13600AC/DC			1005	609	1614	7.3	20.7	28.0

SURFACE SOLAR PUMP

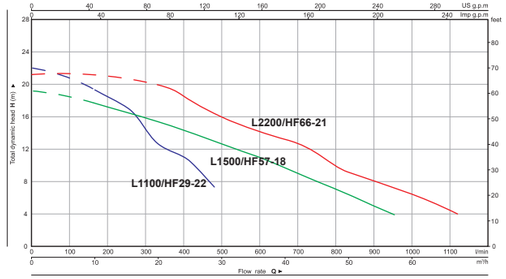
Solar Power Input | Solar MPPT | PMS Motor | SVPWM | Smart Power Motor | Wide Voltage Input | Smart 7/24 Timer | Intelligent Protection | LCD Display



Centrifugal Surface Solar Pump

- Motor Type: High Efficiency PMSM Brushless Motor
- Bearing: Japanese Brand NSK Bearing
- Motor Material: 100% Copper Winding
- Shaft: AISI304 Stainless Steel
- Motor Housing Marerial: Aluminum
- Protection Class: IPX4
- Pump Body Marerial: Cast Iron Pump Body with E-coating Treatment
- Insulation Class: Class F
- Impeller Material: Brass
- Liquid Temperature: ≤ 60℃

TECHNICAL PARAMETERS



HF TECHNICAL DATE

Model	Power (W)	Q m³/h	0	6	12	18	24	27	30	36	42	48	60	66
		Q l/min	0	100	200	300	400	450	500	600	700	800	1000	1100
L1100/HF29-22	1100	H(m)	22	21	18	14	10	8						
L1500/HF57-18	1500		18	17	16	14	12	12	11	9	8	5		
L2200/HF66-21	2200		21	21	21	20	19	18	17	14	13	11	7	5

DIMENSIONS AND WEIGHTS

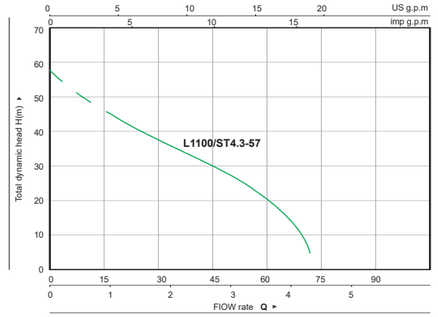
Model	Power (W)	Controller		Motor Parameters (r/min)	Max.Flow (m³/h)	Max.Head (m)	Suction Distance (m)	Pump Diameter	Packing Size(mm)	Pump Net / Weight (kg)
L1100/HF29-22	1100	DY-D2000DC	DY-D3600AC/DC	3600	29	22	4	2"x2"	376×361×281	12.1
L1500/HF57-18	1500	DY-D2000DC	DY-D3600AC/DC		57	18		3"x3"	451×411×336	22.9
L2200/HF66-21	2200	DY-D3600AC/DC			66	21		3"x3"	451×411×336	24.5



Self-Priming Surface Solar Pump

- Motor Type: High Efficiency PMSM Brushless Motor
- Bearing:Japanese Brand NSK Bearing
- Motor Material: 100% Copper Winding
- Shaft: AISI304 Stainless Steel
- Motor Housing Marerial: Aluminum
- Protection Class: IPX4
- Pump Body Material: AISI304 Stainless Steel
- Insulation Class: Class F
- Impeller Material: PPO
- Liquid Temperature: ≤ 60℃

TECHNICAL PARAMETERS

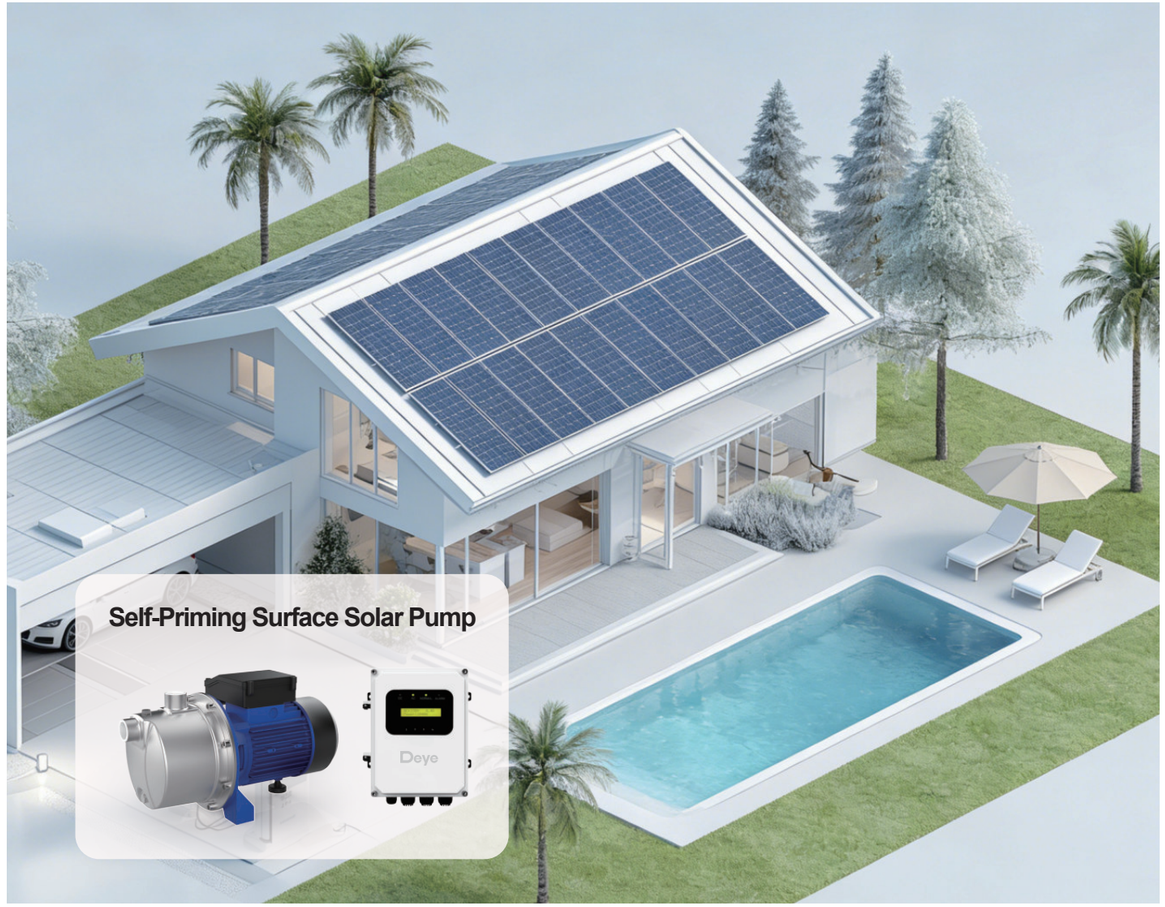


JET TECHNICAL DATE

Model	Power (W)	Q m³/h	0	0.3	0.6	1.2	1.8	2.4	2.7	3	3.6	4.2
		Q l/min	0	5	10	20	30	40	45	50	60	70
L1100/ST4.3-57	1100	H(m)	57	52	48	43	35	31	29	27	23	7

DIMENSIONS AND WEIGHTS

Model	Power (W)	Controller		Motor Parameters (r/min)	Max.Flow (m³/h)	Max.Head (m)	Suction Distance (m)	Pump Diameter	Packing Size (mm)	Pump Net / Weight (kg)
L1100/ST4.3-57	1100	DY-D2000DC	DY-D3600AC/DC	3600	4.3	57	9	1"x1"	444×409×254	8.4



Hybrid ACDC

SWIMMING POOL SOLAR PUMP

Hybrid ACDC | Solar MPPT | SVPWM | Digital PFC | LCD Display | IP65 | Smart Motor | RS485

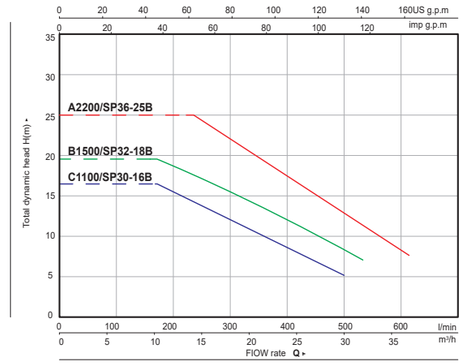


Swimming Pool Solar Pump

Deye

- Mechanical Seal: S silicon carbide + 316SS + Fluorine Rubber (Super Wear-Resistant)
- Bearing: (BUT)2RS1 Made In UK
- Motor Material: 50WW600 High Efficiency Heat Dissipation
- Protection Class:IP55
- Shaft: 316SS Food Grade Stainless Steel +40Cr Tempered Steel
- Medium Temperature: ≤75°
- Insulation Class:Class F
- Motor Protection:Front And Rear Double Skeleton Sealing Structure
- Junction box: Aluminum alloy flame retardant structure
- Pump Body Material: PA Material (High Temperature Resistant)

TECHNICAL PARAMETERS



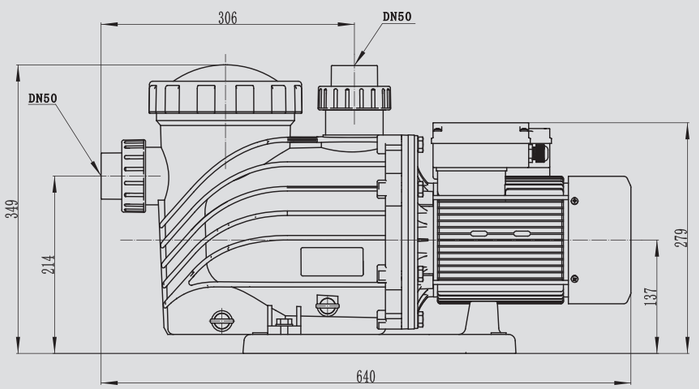
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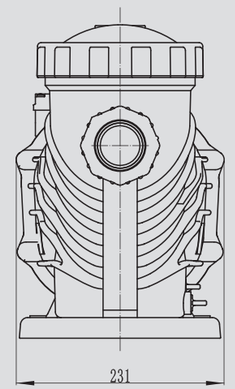
Model	Power (W)	Q	0	4	8	12	16	20	24	28	32	36
		m³/h	0	4	8	12	16	20	24	28	32	36
		l/min	0	67	133	200	267	333	400	467	533	600
		US.GPM	0	18	35	53	70	88	406	123	141	159
A2200 SP36-25B	1100	H(m)	16	16	16	16	14	12	9	5		
	1500		18	18	18	18	16	14	11	9	6	
	2200		25	24	24	23	22	21	19	15	10	6

DIMENSIONS AND WEIGHTS

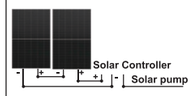
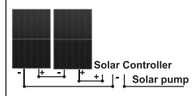
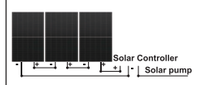
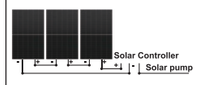
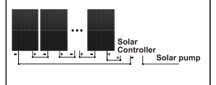
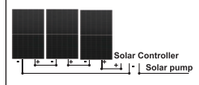
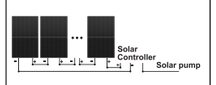
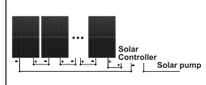
Model	Power (W)	Controller		Motor Parameters (r/min)	Max.Flow (m³/h)	Max.Head (m)	Suction Distance (m)	Pump Diameter	Pipe Size	Packing Size (mm)	Net / Gross Weight (kg)
A2200 SP36-25B	1100	DY-B3000ACDC	DY-D3600AC/DC	3300	30	16	4	2"x2"	DN50	650*315*415	14 / 21.7
	1500	DY-B3000ACDC	DY-D3600AC/DC	3500	32	18					
	2200	DY-B3000ACDC	DY-D3600AC/DC	4000	36	25					

Note: The secondary pump can realize frequency conversion function through controller selection program.

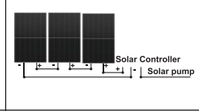
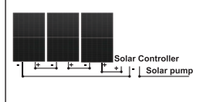
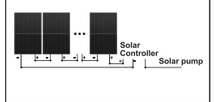
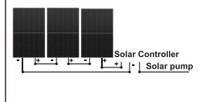
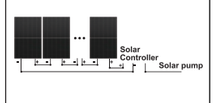
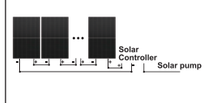
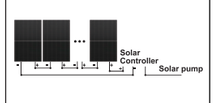
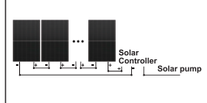




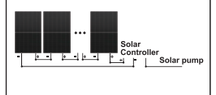
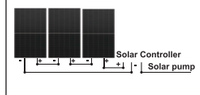
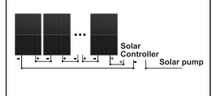
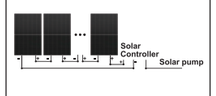
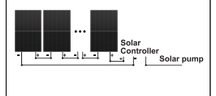
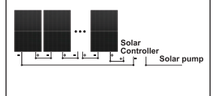
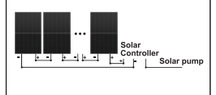
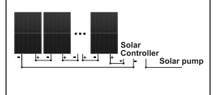
DC Controller (400-1500W)

Model	Program	Motor Power(W)	PV Starting Voltage(V)	PV Protection Voltage(V)	PV Solar Panel (Motor * 1.3~1.5)			
					550W Solar Panel Voc: 49.8V Vmp:41.95V		600W Solar Panel Voc: 52.34V Vmp: 43.9V	
DY-D900DC	F600	400/600	Vmp ≥ 30V	Voc ≤ 110	550*2pcs		600*2pcs	
DY-D2000DC (DY-D1500DC)	E800	800	Vmp ≥ 60V	Voc ≤ 220	550*3pcs		600*3pcs	
	C1100	1100			550*4pcs		600*3pcs	
	B1500	1500			550*4pcs		600*4pcs	

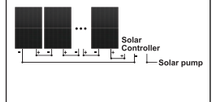
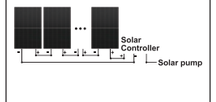
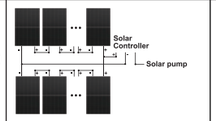
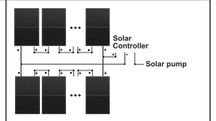
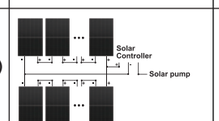
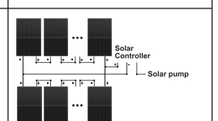
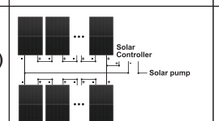
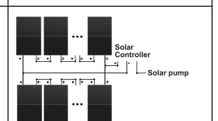
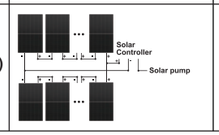
Hybrid ACDC Controller (1100-2200W)

Model	Program	Motor Power(W)	PV Starting Voltage(V)	PV Protection Voltag(V)	PV Solar Panel (Motor * 1.3~1.5)			
					550W Solar Panel Voc: 49.8V Vmp: 41.95V		600W Solar Panel Voc: 52.34V Vmp: 43.9V	
[Hybrid] DY-B3000ACDC	E800	800	Vmp ≥ 80V	Voc ≤ 410	550*3pcs		600*3pcs	
	C1100	1100			550*4pcs		600*3pcs	
	B1500	1500			550*4pcs		600*4pcs	
	A2200	2200			550*6pcs		600*5pcs	

Auto-switch AC/DC Controller (1100-3000W)

Model	Program	Motor Power(W)	PV Starting Voltage(V)	PV Protection Voltage(V)	PV Solar Panel (Motor * 1.3~1.5)			
					550W Solar Panel Voc:49.8V Vmp:41.95V		600W Solar Panel Voc:52.34V Vmp:43.9V	
[Auto-switch] DY-D3600AC/DC	D0110JA	1100	Vmp ≥ 108V	Voc ≤ 430	550*4pcs		600*3pcs	
	D0150JA	1500			550*4pcs		600*4pcs	
	D0220JA	2200			550*6pcs		600*5pcs	
	D0300JA	3000			550*7pcs		600*7pcs	

Auto-switch AC/DC Controller (5500-13000W)

Model	Program	Motor Power(W)	PV Starting Voltage(V)	PV Protection Voltag(V)	PV Solar Panel (Motor * 1.3~1.5)			
					550W Solar Panel Voc:49.8V Vmp:41.95V		600W Solar Panel Voc:52.34V Vmp:43.9V	
[Auto-switch] DY-D13600AC/DC	D0550JB	5500	Vmp ≥ 200V	Voc ≤ 780	550*13pcs		600*12pcs	
	D0750JB	7500			(550*11pcs) x2		(600*11pcs) x2	
	D0920JB	9200			(550*11pcs) x2		(600*11pcs) x2	
	D1100JB	11000			(550*13pcs) x2		(600*12pcs) x2	
	D1300JB	13000			(550*15pcs) x2		(600*14pcs) x2	