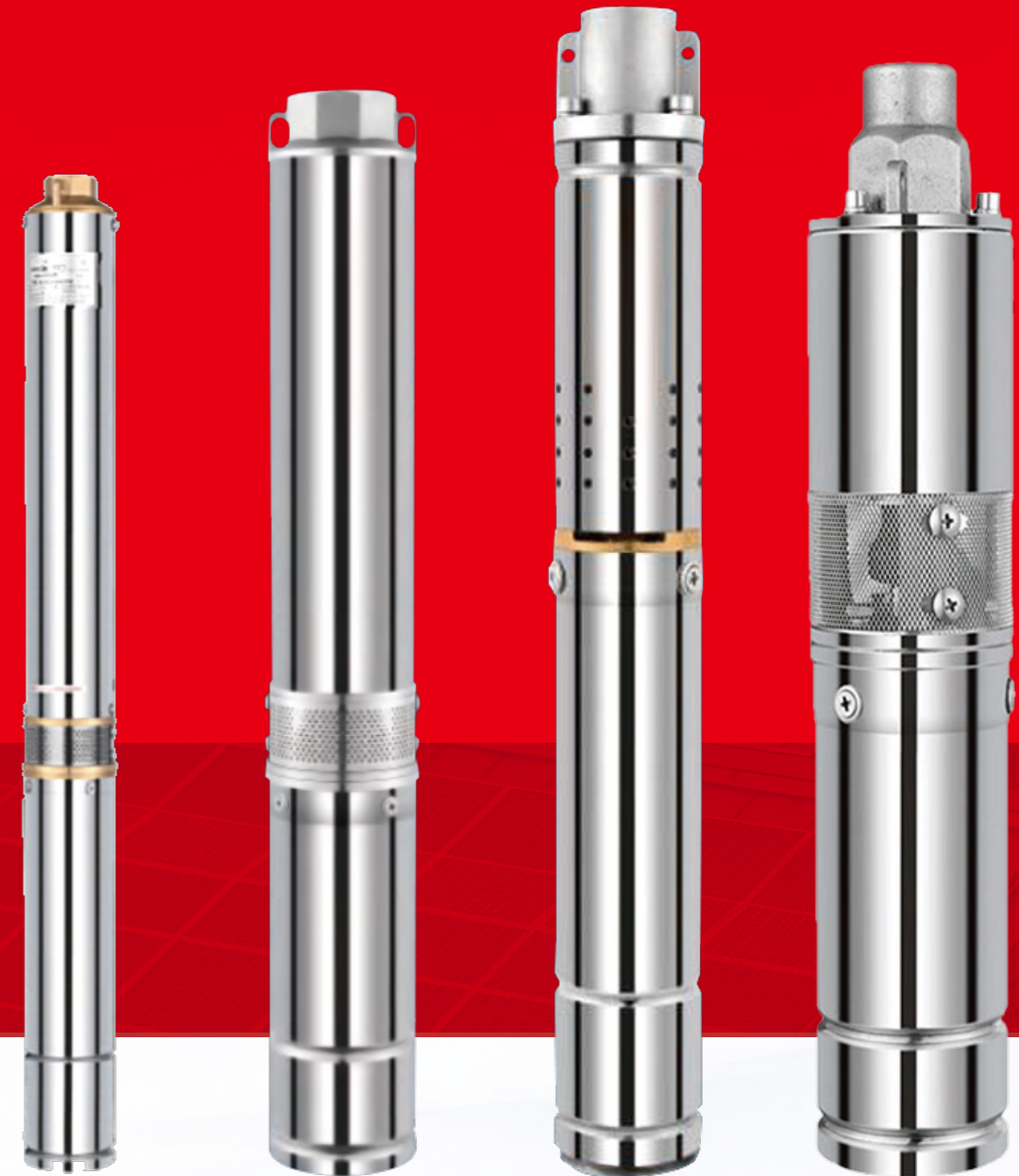


Product Parameters 

**Demesilo**

# Multi Functional Solar Water Pump

Your Energy, Our Innovation.



[www.demesilo.com](http://www.demesilo.com)



More Product Parameters

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VERSION:20240606

Household Photovoltaic  
**Solar Solutions Supplier**

# CATALOGUE

## Solar Submersible Pump

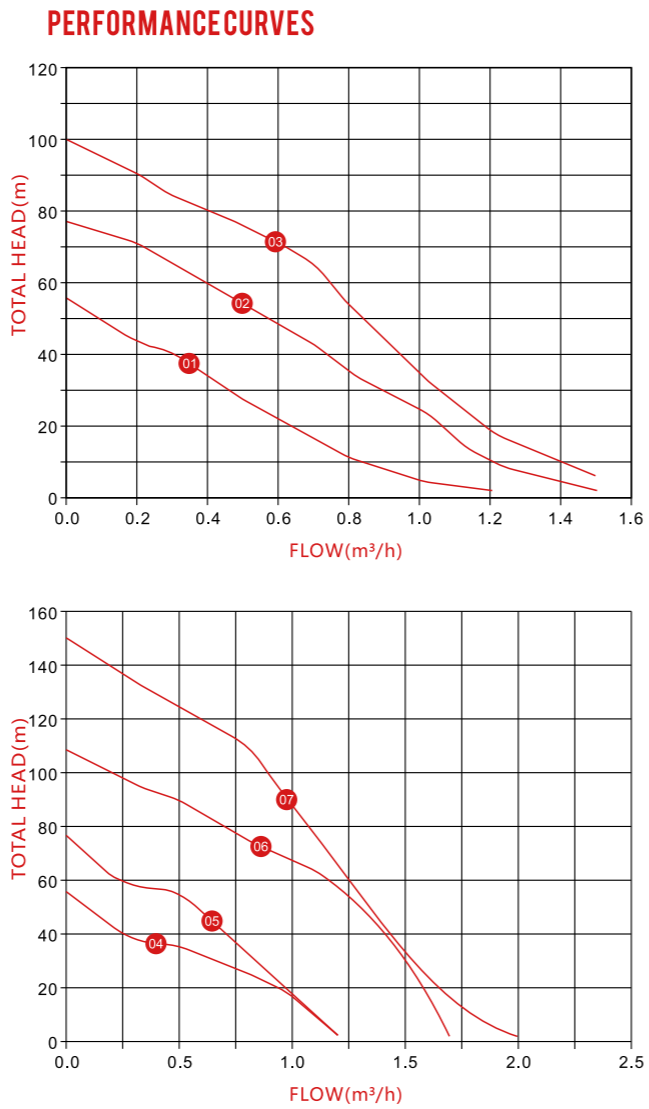
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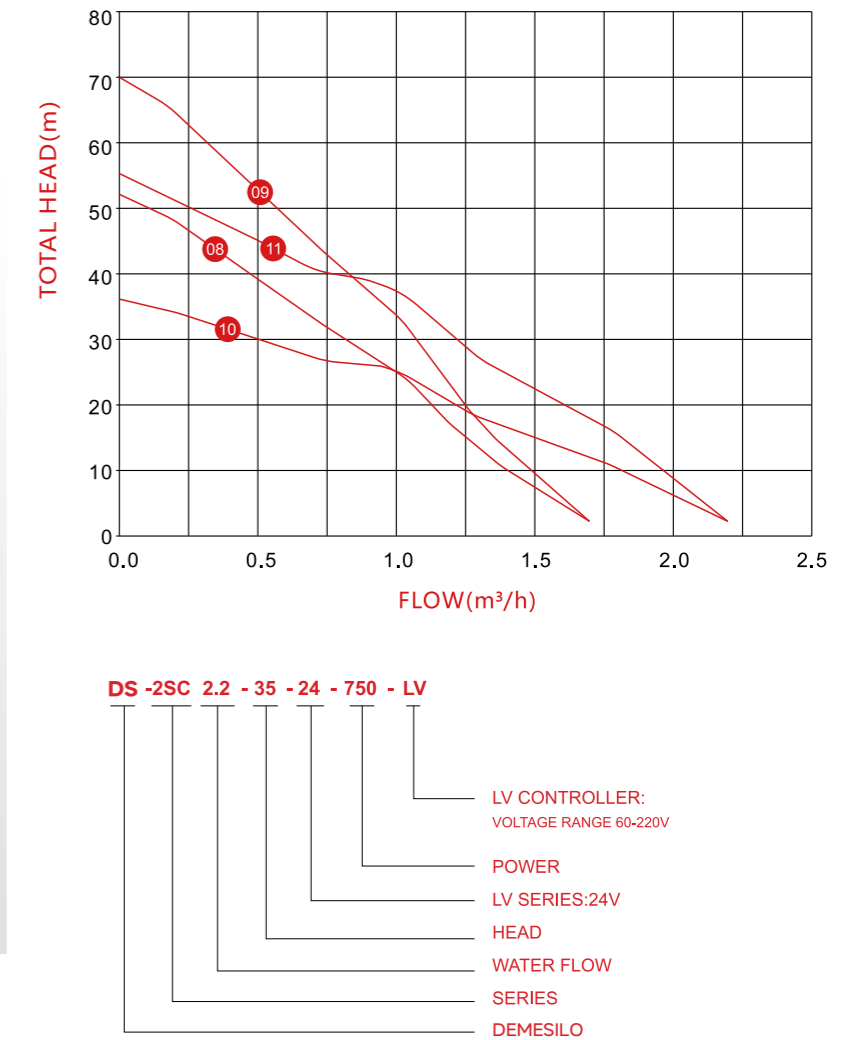
**TECHNICAL DATA**

NO.	Model	Power		Max. Flow	Max. Head	Outlet (Inch)	Cable
		Kw	Hp				
1	DS-2SS1.2-56-24-120-LV	0.12	0.16	1.2m³/h	56m	0.75"	1.5m
2	DS-2SS1.5-77-36-210-LV	0.21	0.28	1.5m³/h	77m	0.75"	1.5m
3	DS-2SS1.7-109-48-500-LV	0.5	0.67	1.7m³/h	109m	0.75"	1.5m

NO.	Model	Power		Max. Flow	Max. Head	Outlet (Inch)	Cable
		Kw	Hp				
4	DS-3SS1.2-56-24-120-LV	0.12	0.16	1.2m³/h	56m	0.75"	2m
5	DS-3SS1.2-77-36-210-LV	0.21	0.28	1.2m³/h	77m	0.75"	2m
6	DS-3SS1.7-109-48-500-LV	0.5	0.67	1.7m³/h	109m	0.75"	2m
7	DS-3SS2.0-150-72-750-LV	0.75	1	2.0m³/h	150m	0.75"	2m

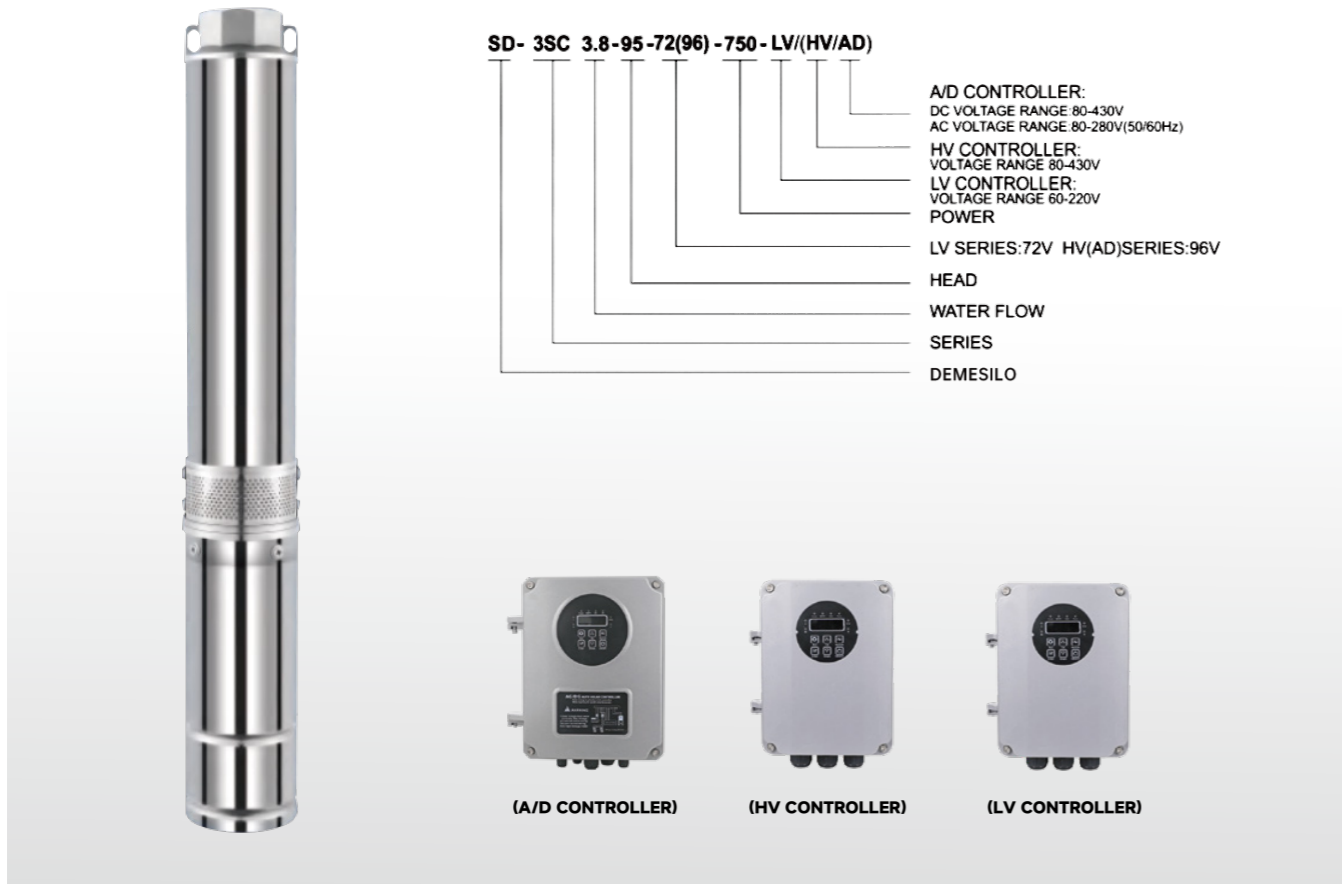


**MODEL DEFINITION**

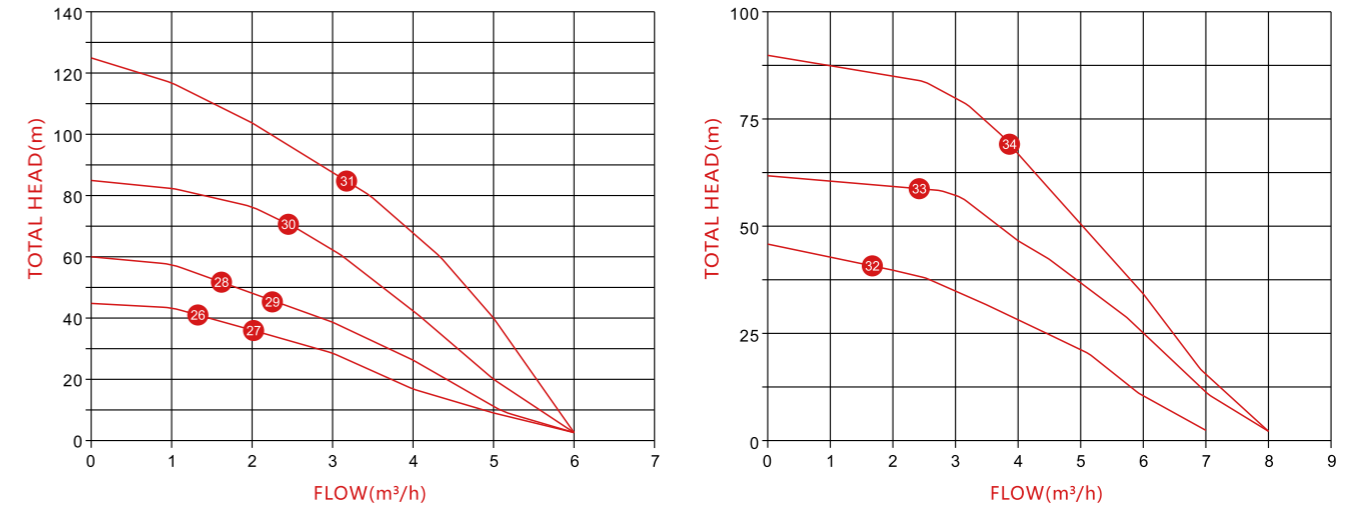


**TECHNICAL DATA**

NO.	Model	Power		Max. Flow	Max. Head	Outlet (Inch)	Cable
		Kw	Hp				
8	DS-2SC1.7-52-24-300-LV	0.3	0.4	1.7m³/h	52m	0.75"	1.5m
9	DS-2SC1.7-70-48-400-LV	0.4	0.55	1.7m³/h	70m	0.75"	1.5m
10	DS-2SC2.2-36-24-300-LV	0.3	0.4	2.2m³/h	36m	0.75"	1.5m
11	DS-2SC2.2-55-48-400-LV	0.4	0.55	2.2m³/h	55m	0.75"	1.5m



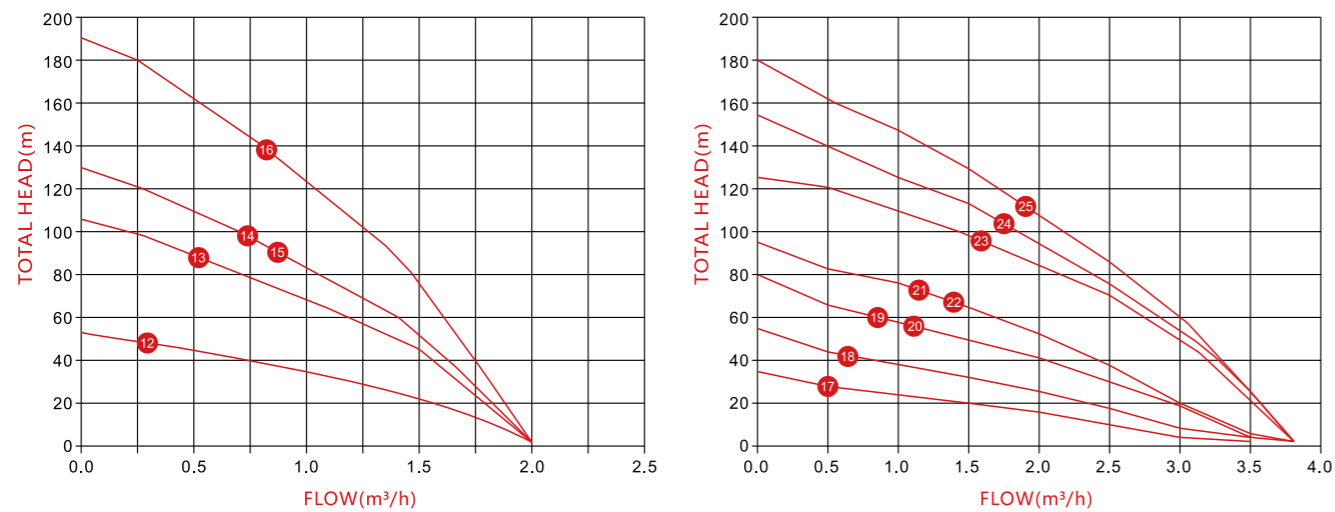
PERFORMANCE CURVES



TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (Inch)	Cable
		Kw	Hp				
12	DS-3SC2-53-24-300-LV	0.3	0.4	2m³/h	53m	1.25"	2m
13	DS-3SC2-105-48-600-LV	0.6	0.8	2m³/h	105m	1.25"	2m
14	DS-3SC2-130-48-750-LV	0.75	1	2m³/h	130m	1.25"	2m
15	DS-3SC2-130-72(96)-750-LV/(HV/AD)	0.75	1	2m³/h	130m	1.25"	2m
16	DS-3SC2-190-110(150)-1100-LV/(HV/AD)	1.1	1.5	2m³/h	190m	1.25"	2m
17	DS-3SC3.5-35-24-300-LV	0.3	0.4	3.5m³/h	35m	1.25"	2m
18	DS-3SC3.8-55-48-400-LV	0.4	0.55	3.8m³/h	55m	1.25"	2m
19	DS-3SC3.8-80-48-600-LV	0.6	0.8	3.8m³/h	80m	1.25"	2m
20	DS-3SC3.8-80-72-600-LV/AD	0.6	0.8	3.8m³/h	80m	1.25"	2m
21	DS-3SC3.8-95-48-750-LV/AD	0.75	1	3.8m³/h	95m	1.25"	2m
22	DS-3SC3.8-95-72(96)-750-LV/(HV/AD)	0.75	1	3.8m³/h	95m	1.25"	2m
23	DS-3SC3.8-125-110(150)-1100-LV/(HV/AD)	1.1	1.5	3.8m³/h	125m	1.25"	2m
24	DS-3SC3.8-155-110(170)-1300-LV/(HV/AD)	1.3	1.75	3.8m³/h	155m	1.25"	2m
25	DS-3SC3.8-180-110(180)-1500-LV/(HV/AD)	1.5	2	3.8m³/h	180m	1.25"	2m
26	DS-3SC6-45-48-600-LV	0.6	0.8	6.0m³/h	45m	1.25"/1.5"	2m
27	DS-3SC6-45-72-600-LV	0.6	0.8	6.0m³/h	45m	1.25"/1.5"	2m
28	DS-3SC6-60-48-750-LV	0.75	1	6.0m³/h	60m	1.25"/1.5"	2m
29	DS-3SC6-60-72(96)-750-LV/(HV/AD)	0.75	1	6.0m³/h	60m	1.25"/1.5"	2m
30	DS-3SC6-85-110(150)-1100-LV/(HV/AD)	1.1	1.5	6.0m³/h	85m	1.25"/1.5"	2m
31	DS-3SC6-125-110(180)-1500-LV/(HV/AD)	1.5	2	6.0m³/h	125m	1.25"/1.5"	2m
32	DS-3SC7-46-72(96)-750-LV/(HV/AD)	0.75	1	7.0m³/h	46m	1.5"	2m
33	DS-3SC8-62-110(150)-1100-LV/(HV/AD)	1.1	1.5	8.0m³/h	62m	1.5"	2m
34	DS-3SC8-90-110(180)-1500-LV/(HV/AD)	1.5	2	8.0m³/h	90m	1.5"	2m

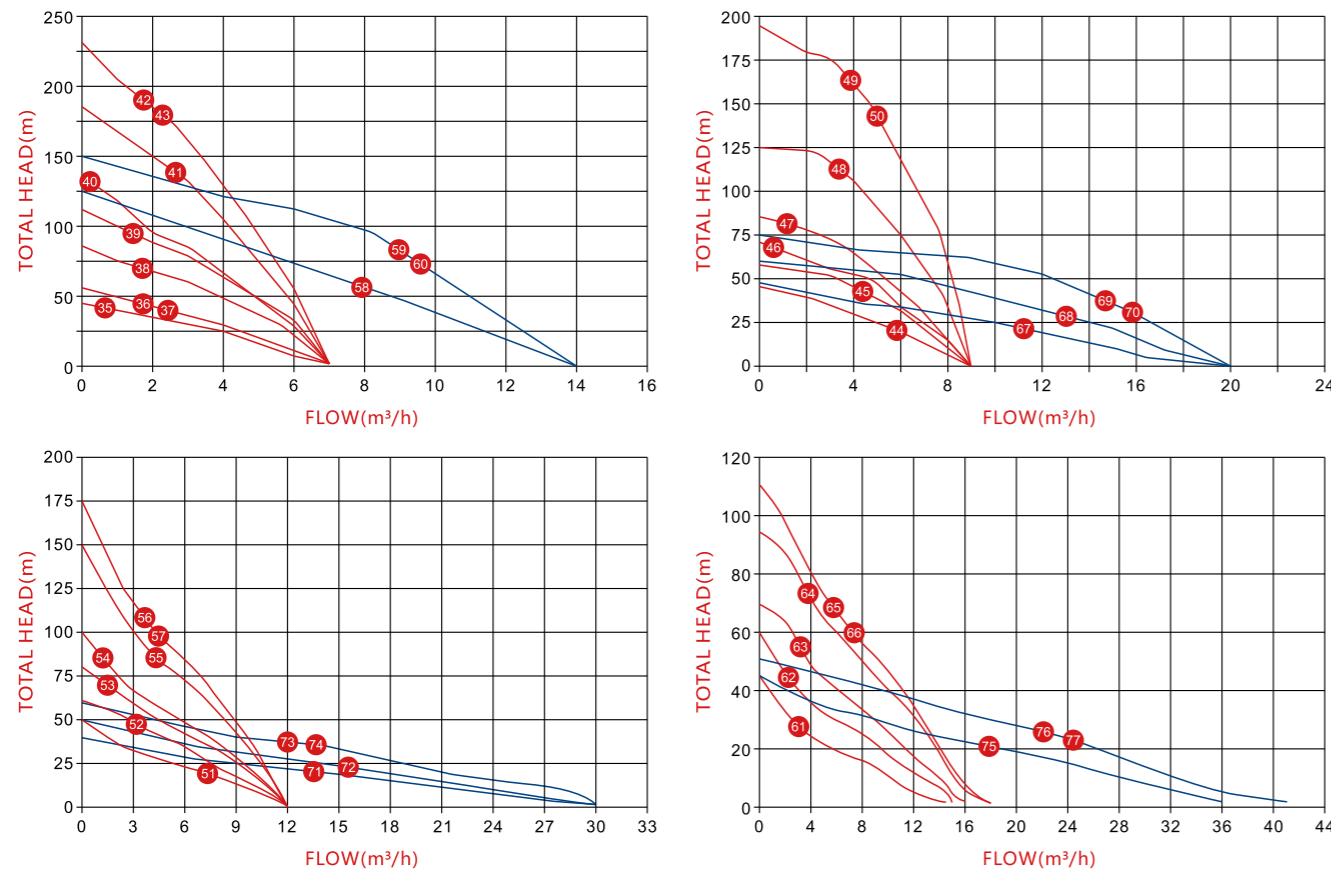
PERFORMANCE CURVES



# Submersible Pump **SERIES** DS-4SC



## PERFORMANCE CURVES

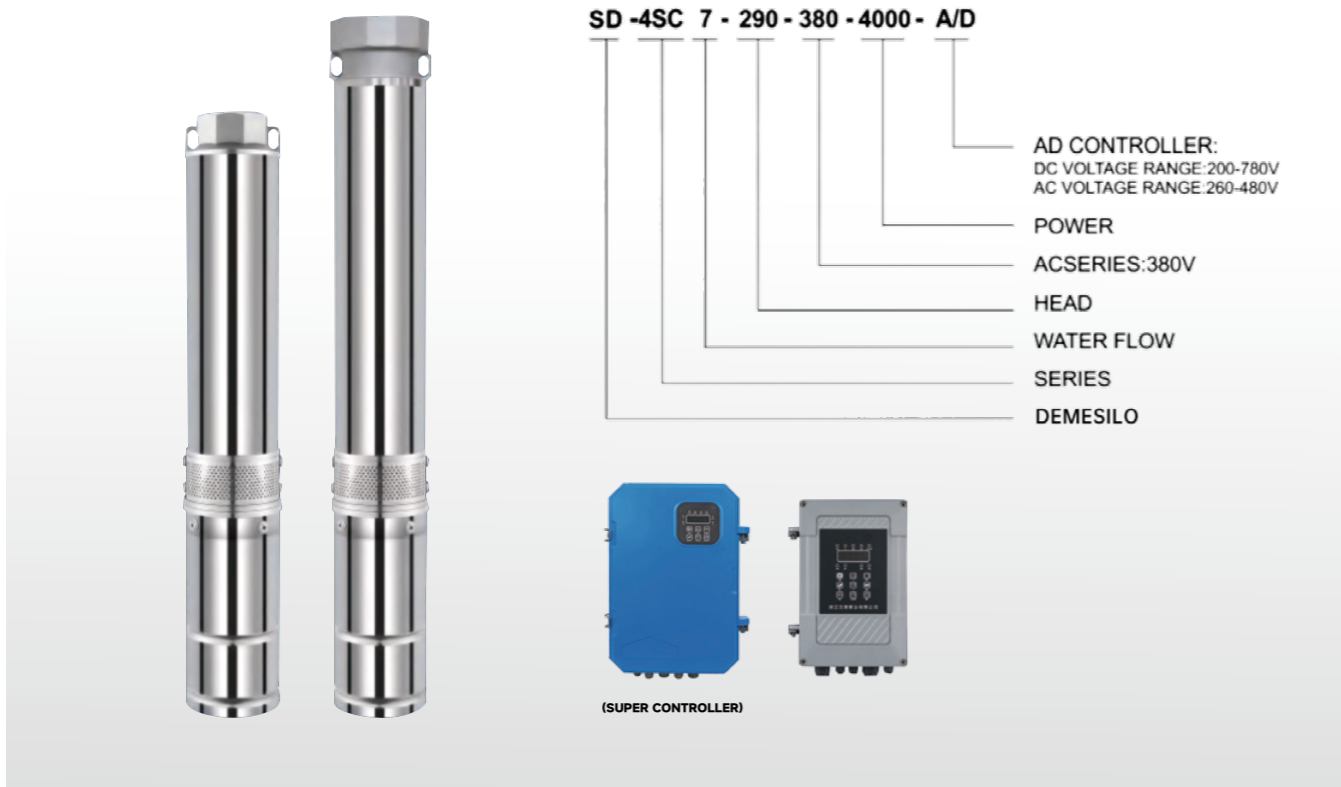


# Submersible Pump **SERIES** DS-4SC

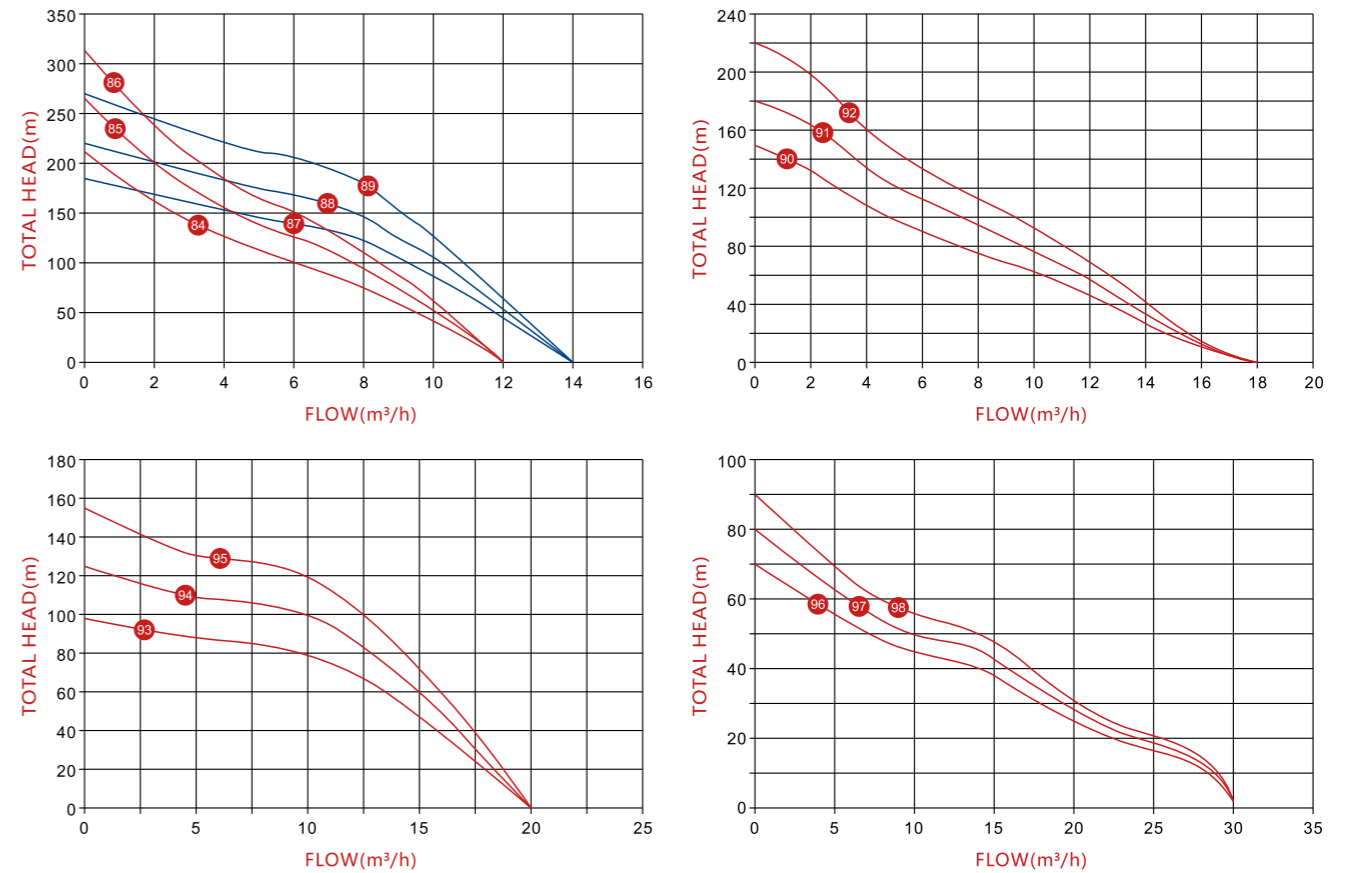


## TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (Inch)	Cable
		Kw	Hp				
35	DS-4SC7-45-48-600-LV	0.6	0.8	7.0m³/h	45m	1.25"/1.5"/2"	2m
36	DS-4SC7-56-48-750-LV	0.75	1	7.0m³/h	56m	1.25"/1.5"/2"	2m
37	DS-4SC7-56-72(96)-750-LV/(HV/AD)	0.75	1	7.0m³/h	56m	1.25"/1.5"/2"	2m
38	DS-4SC7-86-110(150)-1100-LV/(HV/AD)	1.1	1.5	7.0m³/h	86m	1.25"/1.5"/2"	2m
39	DS-4SC7-112-110(170)-1300-LV/(HV/AD)	1.3	1.75	7.0m³/h	112m	1.25"/1.5"/2"	2m
40	DS-4SC7-135-110(180)-1500-LV/(HV/AD)	1.5	2	7.0m³/h	135m	1.25"/1.5"/2"	2m
41	DS-4SC7-185-280-2200-HV/(AD)	2.2	3	7.0m³/h	185m	1.25"/1.5"/2"	2m
42	DS-4SC7-230-300-3000-HV/(AD)	3	4	7.0m³/h	230m	1.25"/1.5"/2"	2m
43	DS-4SC7-230-380-3000-HV/(AD)	3	4	7.0m³/h	230m	1.25"/1.5"/2"	2m
44	DS-4SC9-45-72(96)-750-LV/(HV/AD)	0.75	1	9.0m³/h	45m	1.25"/1.5"/2"	2m
45	DS-4SC9-58-110(150)-1100-LV/(HV/AD)	1.1	1.5	9.0m³/h	58m	1.25"/1.5"/2"	2m
46	DS-4SC9-71-110(170)-1300-LV/(HV/AD)	1.3	1.75	9.0m³/h	71m	1.25"/1.5"/2"	2m
47	DS-4SC9-85-110(180)-1500-LV/(HV/AD)	1.5	2	9.0m³/h	85m	1.25"/1.5"/2"	2m
48	DS-4SC9-125-280-2200-HV/(AD)	2.2	3	9.0m³/h	125m	1.25"/1.5"/2"	2m
49	DS-4SC9-195-300-3000-HV/(AD)	3	4	9.0m³/h	195m	1.5"/2"	2m
50	DS-4SC9-195-530-3000-AD	3	4	9.0m³/h	195m	1.5"/2"	2m
51	DS-4SC12-50-72(96)-750-LV/(HV/AD)	0.75	1	12.0m³/h	50m	2"	2m
52	DS-4SC12-60-110(150)-1100-LV/(HV/AD)	1.1	1.5	12.0m³/h	60m	2"	2m
53	DS-4SC12-80-110(170)-1300-LV/(HV/AD)	1.3	1.75	12.0m³/h	80m	2"	2m
54	DS-4SC12-100-110(180)-1500-LV/(HV/AD)	1.5	2	12.0m³/h	100m	2"	2m
55	DS-4SC12-150-280-2200-HV/(AD)	2.2	3	12.0m³/h	150m	2"	2m
56	DS-4SC12-175-300-3000-HV/(AD)	3	4	12.0m³/h	175m	2"	2m
57	DS-4SC12-175-530-3000-AD	3	4	12.0m³/h	175m	2"	2m
58	DS-4SC14-125-280-2200-HV/(AD)	2.2	3	14.0m³/h	125m	2"	2m
59	DS-4SC14-150-300-3000-HV/(AD)	3	4	14.0m³/h	150m	2"	2m
60	DS-4SC14-150-530-3000-AD	3	4	14.0m³/h	150m	2"	2m
61	DS-4SC15-45-72(96)-750-LV/(HV/AD)	0.75	1	15.0m³/h	45m	2"	2m
62	DS-4SC15-60-110(150)-1100-LV/(HV/AD)	1.1	1.5	15.0m³/h	60m	2"	2m
63	DS-4SC16-70-110(180)-1500-LV/(HV/AD)	1.5	2	16.0m³/h	70m	2"	2m
64	DS-4SC18-95-280-2200-HV/(AD)	2.2	3	18.0m³/h	95m	2"	2m
65	DS-4SC18-112-300-3000-HV/(AD)	3	4	18.0m³/h	112m	2"	2m
66	DS-4SC18-112-530-3000-AD	3	4	18.0m³/h	112m	2"	2m
67	DS-4SC20-48-110(180)-1500-LV/(HV/AD)	1.5	2	20.0m³/h	48m	2"	2m
68	DS-4SC20-60-280-2200-HV/(AD)	2.2	3	20.0m³/h	60m	2"	2m
69	DS-4SC20-75-300-3000-HV/(AD)	3	4	20.0m³/h	75m	2"	2m
70	DS-4SC20-75-530-3000-AD	3	4	20.0m³/h	75m	2"	2m
71	DS-4SC30-40-180-1500-LV/(HV/AD)	1.5	2	30.0m³/h	40m	2"	2m
72	DS-4SC30-50-280-2200-HV/(AD)	2.2	3	30.0m³/h	50m	2"	2m
73	DS-4SC30-60-300-3000-HV/(AD)	3	4	30.0m³/h	60m	2"	2m
74	DS-4SC30-60-530-3000-AD	3	4	30.0m³/h	60m	2"	2m
75	DS-4SC36-45-280-2200-HV/(AD)	2.2	3	36.0m³/h	45m	3"	2m
76	DS-4SC41-52-300-3000-HV/(AD)	3	4	41.0m³/h	52m	3"	2m
77	DS-4SC41-52-530-3000-AD	3	4	41.0m³/h	52m	3"	2m



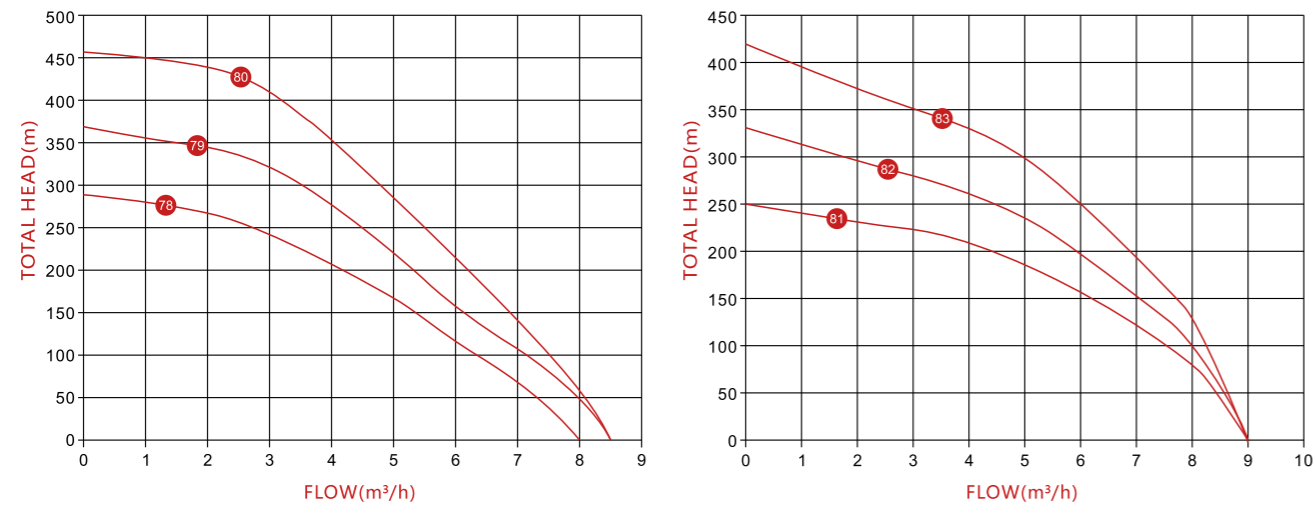
**PERFORMANCE CURVES**

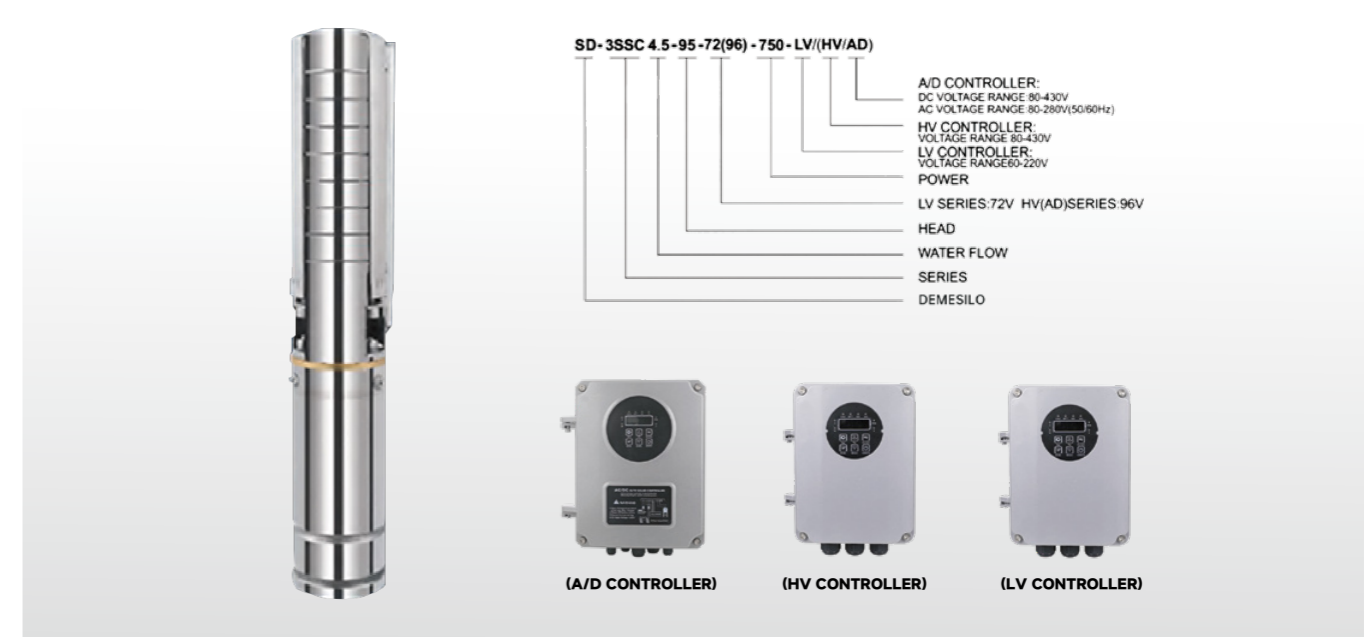


**TECHNICAL DATA**

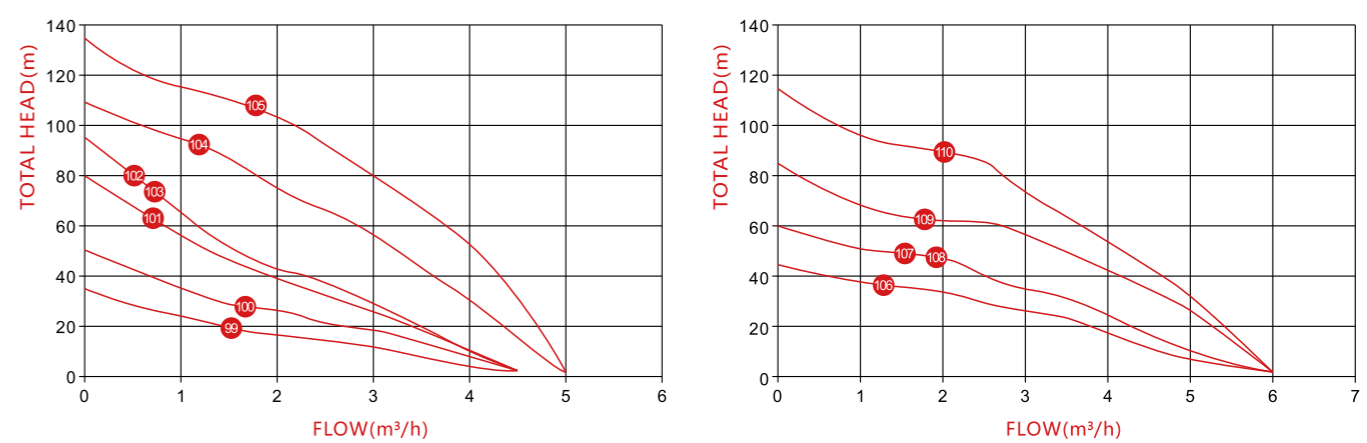
NO.	Model	Voltage		Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		AC Vol.	DC Vol.	Kw	HP				
78	DS-4SC8-290-530-4000-A/D	380V	530V	4	5.5	8.0m³/h	290m	1.25"/1.5"/2"	2m
79	DS-4SC8.5-370-530-5500-A/D	380V	530V	5.5	7.5	8.5m³/h	370m	1.25"/1.5"/2"	2m
80	DS-4SC8.5-456-530-7500-A/D	380V	530V	7.5	10	8.5m³/h	456m	1.25"/1.5"/2"	2m
81	DS-4SC9-250-530-4000-A/D	380V	530V	4	5.5	9.0m³/h	250m	1.5"/2"	2m
82	DS-4SC9-330-530-5500-A/D	380V	530V	5.5	7.5	9.0m³/h	330m	1.5"/2"	2m
83	DS-4SC9-420-530-7500-A/D	380V	530V	7.5	10	9.0m³/h	420m	1.5"/2"	2m
84	DS-4SC12-213-530-4000-A/D	380V	530V	4	5.5	12m³/h	213m	2"	2m
85	DS-4SC12-265-530-5500-A/D	380V	530V	5.5	7.5	12m³/h	265m	2"	2m
86	DS-4SC12-315-530-7500-A/D	380V	530V	7.5	10	12m³/h	315m	2"	2m
87	DS-4SC14-185-530-4000-A/D	380V	530V	4	5.5	14m³/h	185m	2"	2m
88	DS-4SC14-220-530-5500-A/D	380V	530V	5.5	7.5	14m³/h	220m	2"	2m
89	DS-4SC14-270-530-7500-A/D	380V	530V	7.5	10	14m³/h	270m	2"	2m
90	DS-4SC18-150-530-4000-A/D	380V	530V	4	5.5	18m³/h	150m	2"	2m
91	DS-4SC18-180-530-5500-A/D	380V	530V	5.5	7.5	18m³/h	180m	2"	2m
92	DS-4SC18-220-530-7500-A/D	380V	530V	7.5	10	18m³/h	220m	2"	2m
93	DS-4SC20-98-530-4000-A/D	380V	530V	4	5.5	20m³/h	98m	2"	2m
94	DS-4SC20-125-530-5500-A/D	380V	530V	5.5	7.5	20m³/h	125m	2"	2m
95	DS-4SC20-155-530-7500-A/D	380V	530V	7.5	10	20m³/h	155m	2"	2m
96	DS-4SC30-70-530-4000-A/D	380V	530V	4	5.5	30m³/h	70m	2"	2m
97	DS-4SC30-80-530-5500-A/D	380V	530V	5.5	7.5	30m³/h	80m	2"	2m
98	DS-4SC30-90-530-7500-A/D	380V	530V	7.5	10	30m³/h	90m	2"	2m

**PERFORMANCE CURVES**





**PERFORMANCE CURVES**



**TECHNICAL DATA**

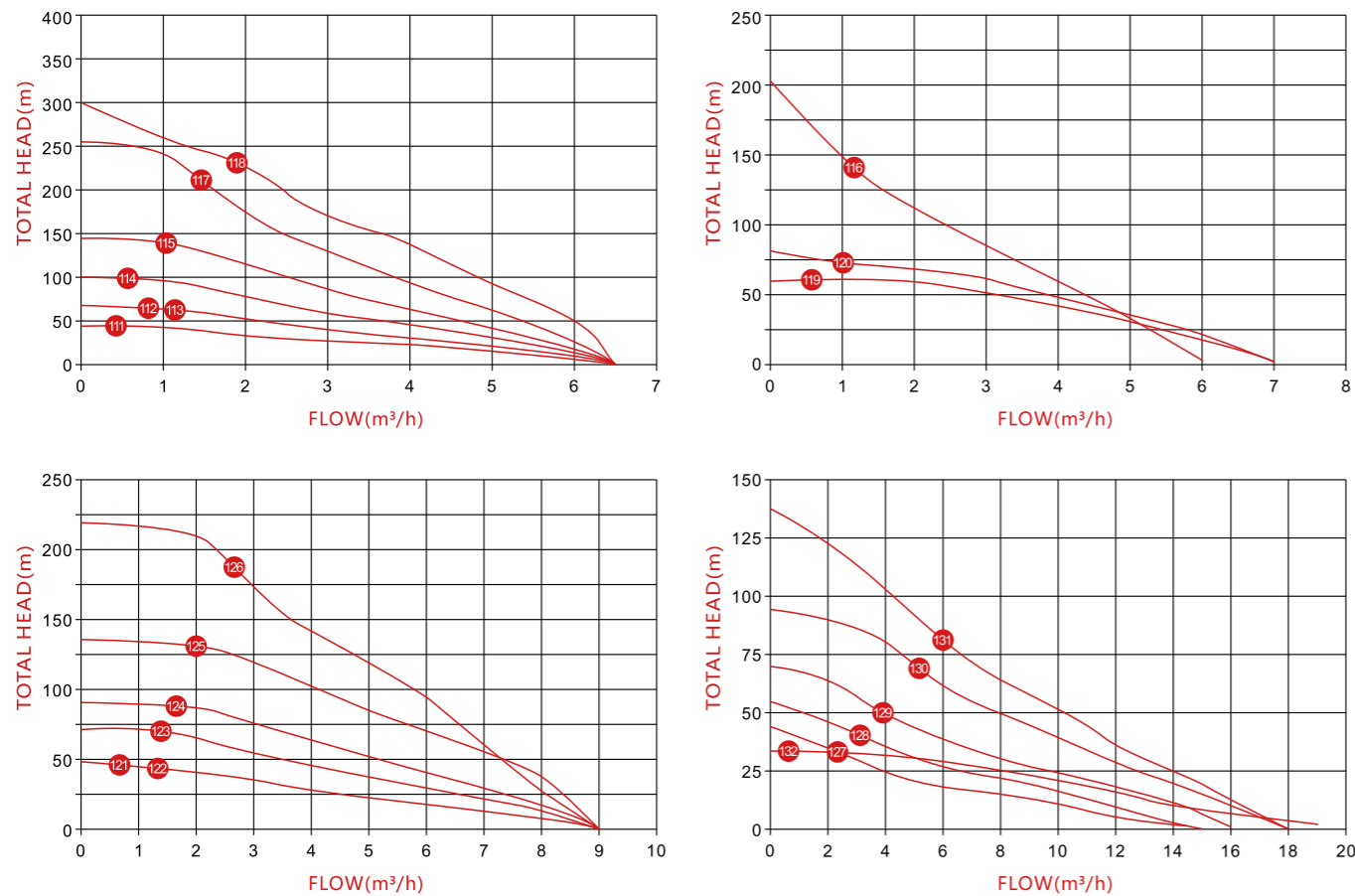
NO.	Model	Power		Max. Flow	Max. Head	Outlet (Inch)	Cable
		Kw	Hp				
99	DS-3SSC4.5-35-24-300-LV	0.3	0.4	4.5m³/h	35m	1.25"	2m
100	DS-3SSC4.5-50-48-400-LV	0.4	0.55	4.5m³/h	50m	1.25"	2m
101	DS-3SSC4.5-80-48-600-LV	0.6	0.8	4.5m³/h	80m	1.25"	2m
102	DS-3SSC4.5-95-48-750-LV	0.75	1	4.5m³/h	95m	1.25"	2m
103	DS-3SSC4.5-95-72(96)-750-LV/(HV/AD)	0.75	1	4.5m³/h	95m	1.25"	2m
104	DS-3SSC5-110-110(150)-1100-LV/(HV/AD)	1.1	1.5	5.0m³/h	110m	1.25"	2m
105	DS-3SSC5-135-110(180)-1500-LV/(HV/AD)	1.5	2	5.0m³/h	135m	1.25"	2m
106	DS-3SSC6-44-48-600-LV	0.6	0.8	6.0m³/h	44m	1.25"	2m
107	DS-3SSC6-60-48-750-LV	0.75	1	6.0m³/h	60m	1.25"	2m
108	DS-3SSC6-60-72(96)-750-LV/(HV/AD)	0.75	1	6.0m³/h	60m	1.25"	2m
109	DS-3SSC6-85-110(150)-1100-LV/(HV/AD)	1.1	1.5	6.0m³/h	85m	1.25"	2m
110	DS-3SSC6-115-110(180)-1500-LV/(HV/AD)	1.5	2	6.0m³/h	115m	1.25"	2m

# Submersible Pump **SERIES**

## DS-4SSC DS-4/6SSC

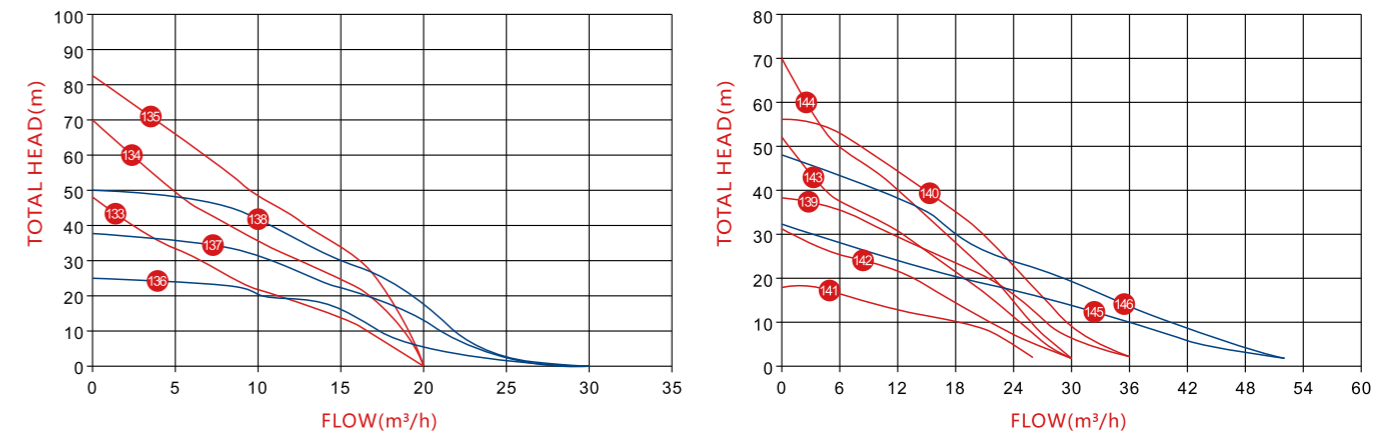


### PERFORMANCE CURVES



# Submersible Pump **SERIES**

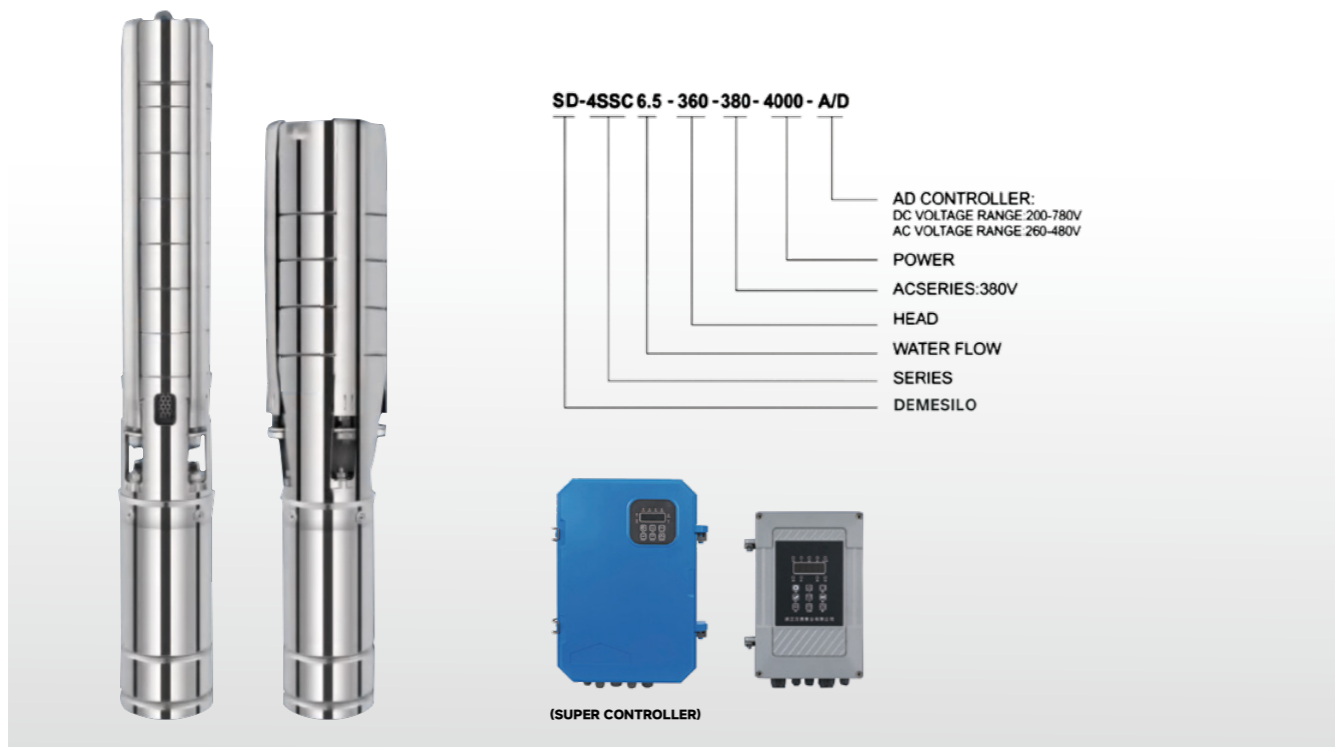
## DS-4SSC DS-4/6SSC



NO.	Model	Power		Max. Flow	Max. Head	Outlet (Inch)	Cable
		Kw	Hp				
111	DS-4SSC6.5-45-48-500-LV	0.5	0.7	6.5m³/h	45m	1.25"	2m
112	DS-4SSC6.5-67-48-750-LV	0.75	1	6.5m³/h	67m	1.25"	2m
113	DS-4SSC6.5-67-72(96)-750-LV/(HV/AD)	0.75	1	6.5m³/h	67m	1.25"	2m
114	DS-4SSC6.5-101-110(150)-1100-LV/(HV/AD)	1.1	1.5	6.5m³/h	101m	1.25"	2m
115	DS-4SSC6.5-146-110(170)-1300-LV/(HV/AD)	1.3	1.75	6.5m³/h	146m	1.25"	2m
116	DS-4SSC6.5-203-110(180)-1500-LV/(HV/AD)	1.5	2	6.0m³/h	203m	1.25"	2m
117	DS-4SSC6.5-255-280-2200-HV/(AD)	2.2	3	6.5m³/h	255m	1.25"	2m
118	DS-4SSC6.5-300-300-3000-HV/(AD)	3	4	6.5m³/h	300m	1.25"	2m
119	DS-4SSC7-60-72(96)-750-LV/(HV/AD)	0.75	1	7.0m³/h	60m	1.25"	2m
120	DS-4SSC7-80-110(150)-1100-LV/(HV/AD)	1.1	1.5	7.0m³/h	80m	1.25"	2m
121	DS-4SSC9-48-48-750-LV	0.75	1	9.0m³/h	48m	2"	2m
122	DS-4SSC9-48-72(96)-750-LV/(HV/AD)	0.75	1	9.0m³/h	48m	2"	2m
123	DS-4SSC9-70-110(150)-1100-LV/(HV/AD)	1.1	1.5	9.0m³/h	70m	2"	2m
124	DS-4SSC9-90-110(180)-1500-LV/(HV/AD)	1.5	2	9.0m³/h	90m	2"	2m
125	DS-4SSC9-135-280-2200-HV/(AD)	2.2	3	9.0m³/h	135m	2"	2m
126	DS-4SSC9-220-300-3000-HV/(AD)	3	4	9.0m³/h	220m	2"	2m
127	DS-4SSC14.5-45-72(96)-750-LV/(HV/AD)	0.75	1	14.5m³/h	45m	2"	2m
128	DS-4SSC15-55-110(150)-1100-LV/(HV/AD)	1.1	1.5	15.0m³/h	55m	2"	2m
129	DS-4SSC16-70-110(180)-1500-LV/(HV/AD)	1.5	2	16.0m³/h	70m	2"	2m
130	DS-4SSC18-95-280-2200-HV/(AD)	2.2	3	18.0m³/h	95m	2"	2m
131	DS-4SSC18-137-300-3000-HV/(AD)	3	4	18.0m³/h	137m	2"	2m
132	DS-4SSC19-35-110(150)-1100-LV/(HV/AD)	1.1	1.5	19.0m³/h	35m	2"	2m
133	DS-4SSC20-48-110(180)-1500-LV/(HV/AD)	1.5	2	20.0m³/h	48m	2"	2m
134	DS-4SSC20-70-280-2200-HV/(AD)	2.2	3	20.0m³/h	70m	2"	2m
135	DS-4SSC20-82-300-3000-HV/(AD)	3	4	20.0m³/h	82m	2"	2m
136	DS-4SSC25-25-110(180)-1500-LV/(HV/AD)	1.5	2	25.0m³/h	25m	2"	2m
137	DS-4SSC30-38-280-2200-HV/(AD)	2.2	3	30.0m³/h	38m	2"	2m
138	DS-4SSC30-50-300-3000-HV/(AD)	3	4	30.0m³/h	50m	2"	2m
139	DS-4/6SSC36-38-280-2200-HV/AD	2.2	3	36.0m³/h	38m	3"	2m
140	DS-4/6SSC36-56-300-3000-HV/AD	3	4	36.0m³/h	56m	3"	2m
141	DS-4/6SSC26-18-110(150)-1100-LV/(HV/AD)	1.1	1.5	26.0m³/h	18m	3"	2m
142	DS-4/6SSC30-31-110(180)-1500-LV/(HV/AD)	1.5	2	30.0m³/h	31m	3"	2m
143	DS-4/6SSC30-52-280-2200-HV/(AD)	2.2	3	30.0m³/h	52m	3"	2m
144	DS-4/6SSC30-70-300-3000-HV/(AD)	3	4	30.0m³/h	70m	3"	2m
145	DS-4/6SSC52-32-280-2200-HV/(AD)	2.2	3	52.0m³/h	32m	3"	2m
146	DS-4/6SSC52-48-300-3000-HV/(AD)	3	4	52.0m³/h	48m	3"	2m

# Submersible Pump **SERIES**

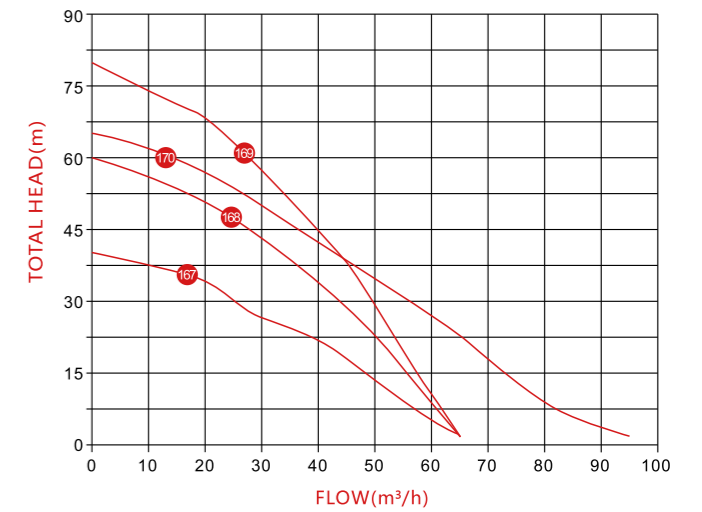
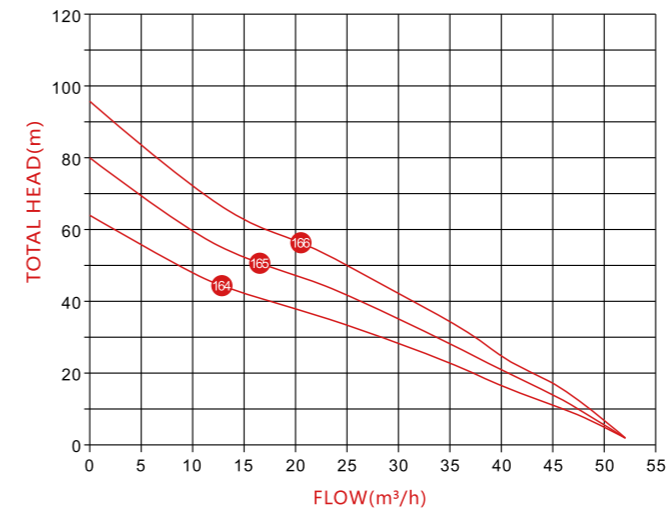
DS-4SSC DS-4/6SSC



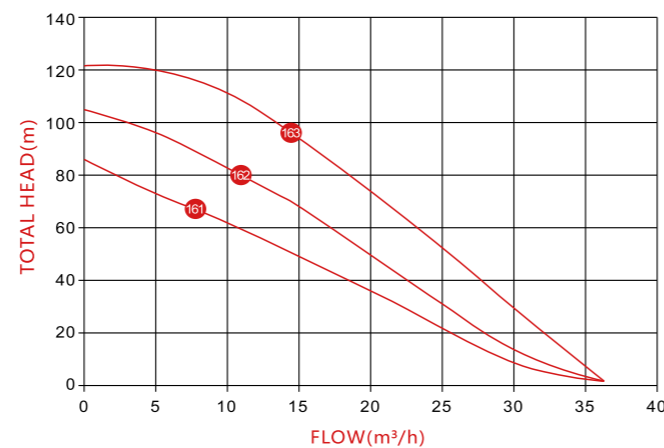
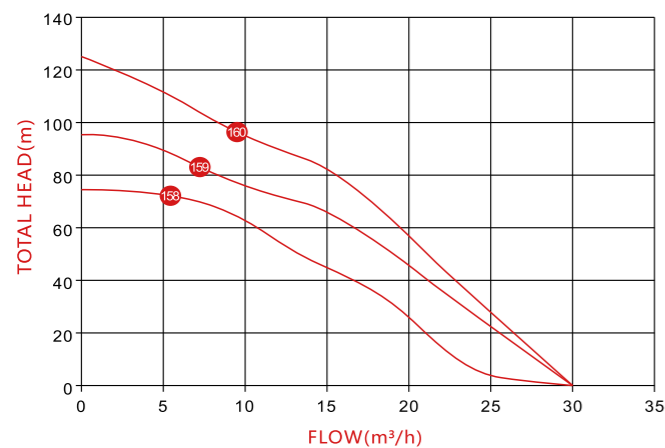
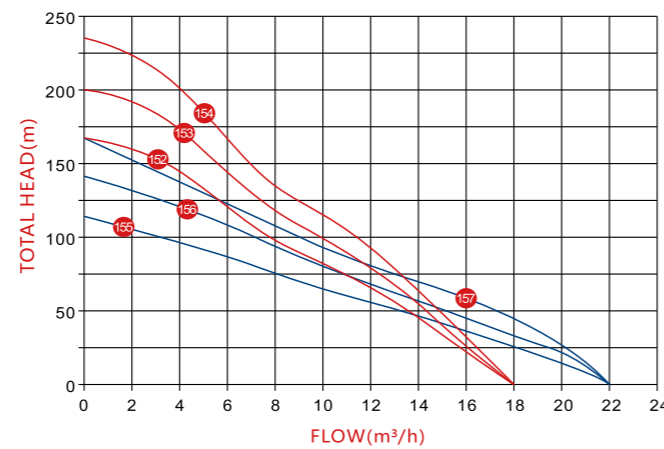
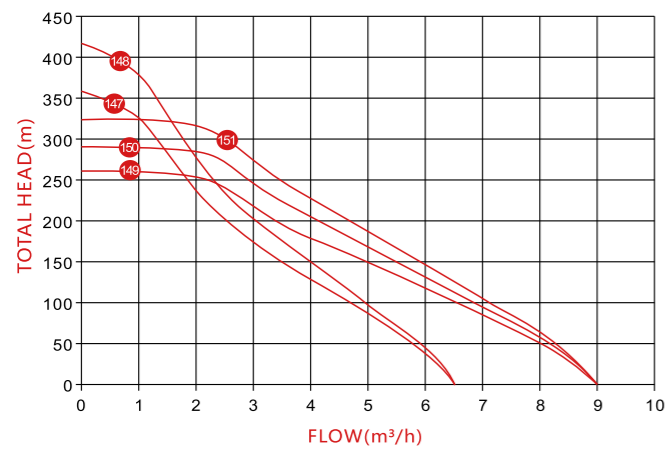
# Submersible Pump **SERIES**

DS-4SSC DS-4/6SSC

## PERFORMANCE CURVES



## PERFORMANCE CURVES

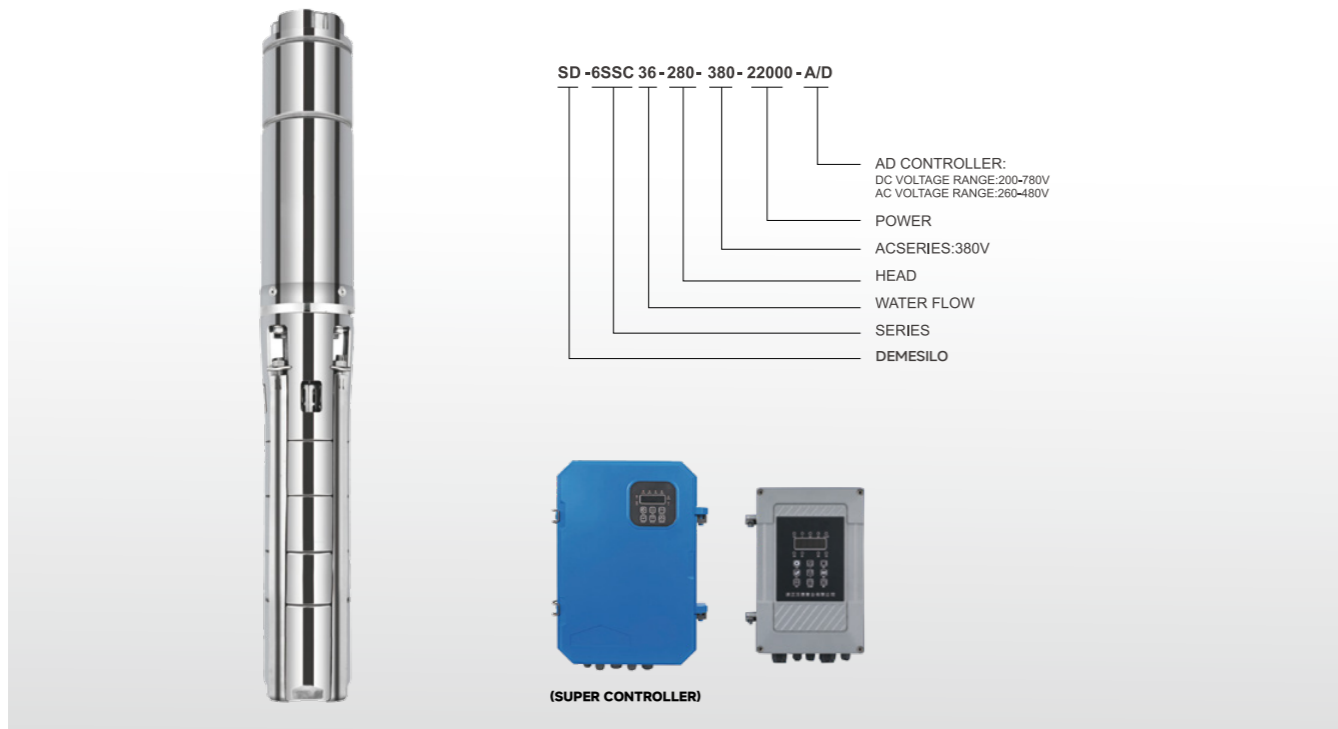


## TECHNICAL DATA

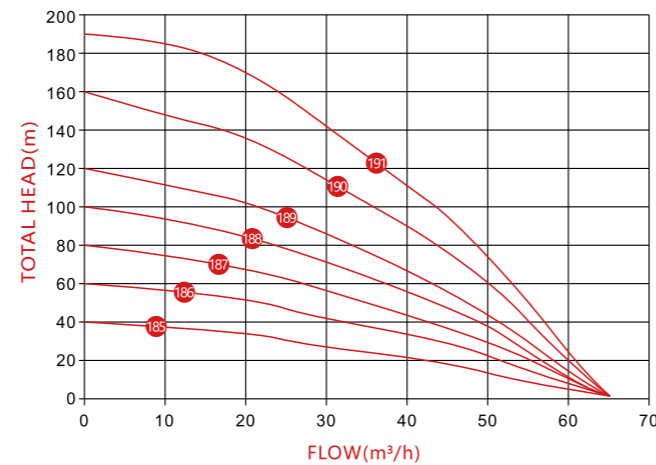
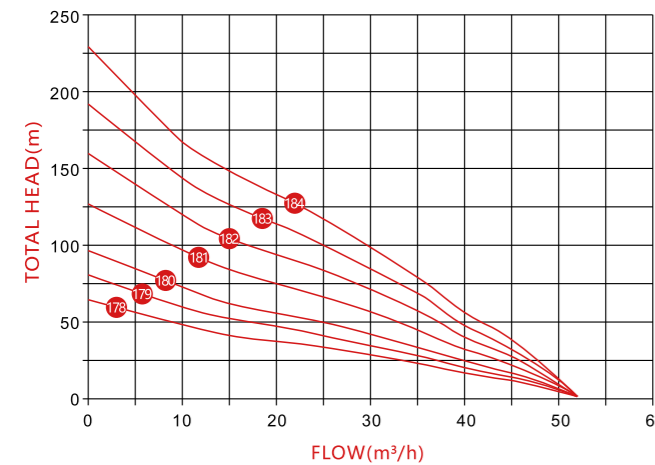
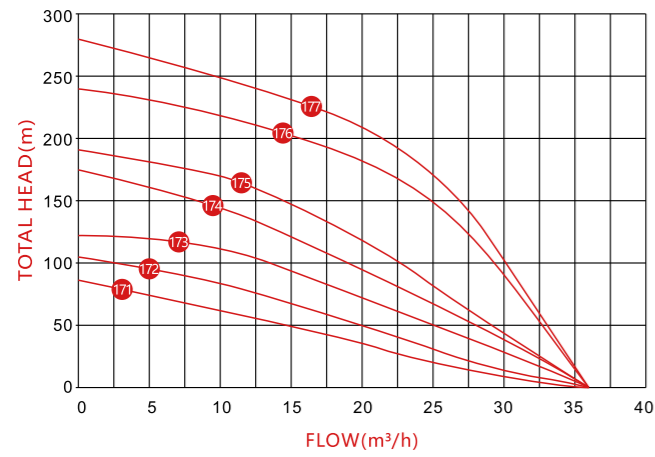
NO.	Model	Voltage		Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		AC Vol.	DC Vol.	Kw	HP				
147	DS-4SSC6.5-360-530-4000-A/D	380V	530V	4	5.5	6.5m³/h	360m	1.25"	2m
148	DS-4SSC6.5-420-530-5500-A/D	380V	530V	5.5	7.5	6.5m³/h	420m	1.25"	2m
149	DS-4SSC9-260-530-4000-A/D	380V	530V	4	5.5	9.0m³/h	260m	2"	2m
150	DS-4SSC9-295-530-5500-A/D	380V	530V	5.5	7.5	9.0m³/h	295m	2"	2m
151	DS-4SSC9-325-530-7500-A/D	380V	530V	7.5	10	9.0m³/h	325m	2"	2m
152	DS-4SSC18-168-530-4000-A/D	380V	530V	4	5.5	18m³/h	168m	2"	2m
153	DS-4SSC18-200-530-5500-A/D	380V	530V	5.5	7.5	18m³/h	200m	2"	2m
154	DS-4SSC18-235-530-7500-A/D	380V	530V	7.5	10	18m³/h	235m	2"	2m
155	DS-4SSC22-115-530-4000-A/D	380V	530V	4	5.5	22m³/h	115m	2"	2m
156	DS-4SSC22-143-530-5500-A/D	380V	530V	5.5	7.5	22m³/h	143m	2"	2m
157	DS-4SSC22-169-530-7500-A/D	380V	530V	7.5	10	22m³/h	169m	2"	2m
158	DS-4SSC30-75-530-4000-A/D	380V	530V	4	5.5	30m³/h	75m	2"	2m
159	DS-4SSC30-96-530-5500-A/D	380V	530V	5.5	7.5	30m³/h	96m	2"	2m
160	DS-4SSC30-125-530-7500-A/D	380V	530V	7.5	10	30m³/h	125m	2"	2m
161	DS-4/6SSC36-86-530-4000-A/D	380V	530V	4	5.5	36m³/h	86m	3"	2m
162	DS-4/6SSC36-105-530-5500-A/D	380V	530V	5.5	7.5	36m³/h	105m	3"	2m
163	DS-4/6SSC36-122-530-7500-A/D	380V	530V	7.5	10	36m³/h	122m	3"	2m
164	DS-4/6SSC52-64-530-4000-A/D	380V	530V	4	5.5	52m³/h	64m	3"	2m
165	DS-4/6SSC52-80-530-5500-A/D	380V	530V	5.5	7.5	52m³/h	80m	3"	2m
166	DS-4/6SSC52-96-530-7500-A/D	380V	530V	7.5	10	52m³/h	96m	3"	2m
167	DS-4/6SSC65-40-530-4000-A/D	380V	530V	4	5.5	65m³/h	40m	3"	2m
168	DS-4/6SSC65-60-530-5500-A/D	380V	530V	5.5	7.5	65m³/h	60m	3"	2m
169	DS-4/6SSC65-80-530-7500-A/D	380V	530V	7.5	10	65m³/h	80m	3"	2m
170	DS-4/6SSC95-65-530-7500-A/D	380V	530V	7.5	10	95m³/h	65m	3"	2m

# Submersible Pump **SERIES**

## DS-6SSC/DS-8SSC



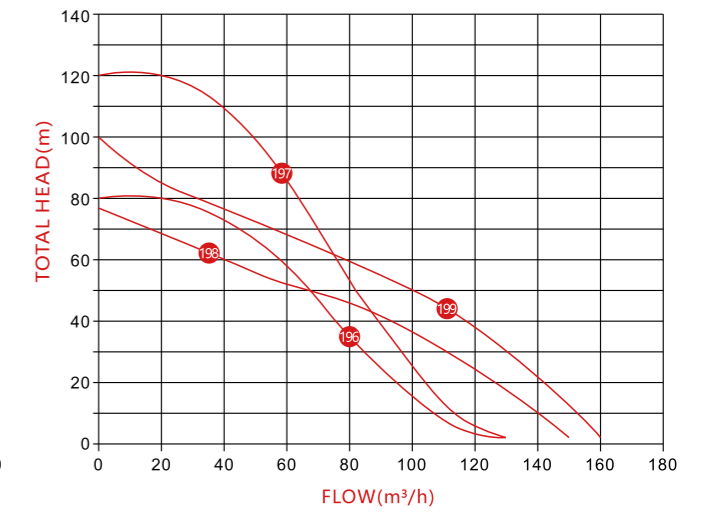
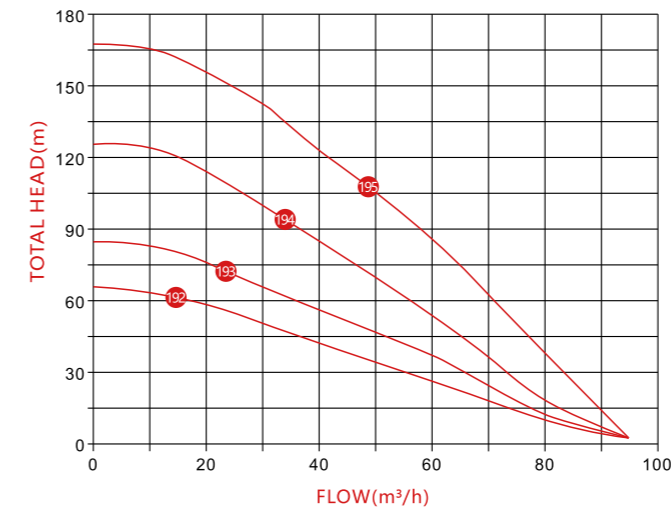
### PERFORMANCE CURVES



# Submersible Pump **SERIES**

## DS-6SSC/DS-8SSC

### PERFORMANCE CURVES



### TECHNICAL DATA

NO.	Model	Voltage		Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		AC Vol.	DC Vol.	Kw	HP				
171	DS-6SSC36-88-530-4000-A/D	380V	530V	4	5.5	36m³/h	88m	3"	2m
172	DS-6SSC36-105-530-5500-A/D	380V	530V	5.5	7.5	36m³/h	105m	3"	2m
173	DS-6SSC36-122-530-7500-A/D	380V	530V	7.5	10	36m³/h	122m	3"	2m
174	DS-6SSC36-175-530-9200-A/D	380V	530V	9.2	12.5	36m³/h	175m	3"	2m
175	DS-6SSC36-190-530-11000-A/D	380V	530V	11	15	36m³/h	190m	3"	2m
176	DS-6SSC36-240-530-15000-A/D	380V	530V	15	20	36m³/h	240m	3"	2m
177	DS-6SSC36-280-530-22000-A/D	380V	530V	22	30	36m³/h	280m	3"	2m
178	DS-6SSC52-64-530-4000-A/D	380V	530V	4	5.5	52m³/h	64m	3"	2m
179	DS-6SSC52-80-530-5500-A/D	380V	530V	5.5	7.5	52m³/h	80m	3"	2m
180	DS-6SSC52-96-530-7500-A/D	380V	530V	7.5	10	52m³/h	96m	3"	2m
181	DS-6SSC52-128-530-9200-A/D	380V	530V	9.2	12.5	52m³/h	128m	3"	2m
182	DS-6SSC52-160-530-11000-A/D	380V	530V	11	15	52m³/h	160m	3"	2m
183	DS-6SSC52-192-530-15000-A/D	380V	530V	15	20	52m³/h	192m	3"	2m
184	DS-6SSC52-230-530-22000-A/D	380V	530V	22	30	52m³/h	230m	3"	2m
185	DS-6SSC65-40-530-4000-A/D	380V	530V	4	5.5	65m³/h	40m	3"	2m
186	DS-6SSC65-60-530-5500-A/D	380V	530V	5.5	7.5	65m³/h	60m	3"	2m
187	DS-6SSC65-80-530-7500-A/D	380V	530V	7.5	10	65m³/h	80m	3"	2m
188	DS-6SSC65-100-530-9200-A/D	380V	530V	9.2	12.5	65m³/h	100m	3"	2m
189	DS-6SSC65-120-530-11000-A/D	380V	530V	11	15	65m³/h	120m	3"	2m
190	DS-6SSC65-160-530-15000-A/D	380V	530V	15	20	65m³/h	160m	3"	2m
191	DS-6SSC65-190-530-22000-A/D	380V	530V	22	30	65m³/h	190m	3"	2m
192	DS-6SSC95-65-530-7500-A/D	380V	530V	7.5	10	95m³/h	65m	4"	2m
193	DS-6SSC95-85-530-11000-A/D	380V	530V	11	15	95m³/h	85m	4"	2m
194	DS-6SSC95-125-530-15000-A/D	380V	530V	15	20	95m³/h	125m	4"	2m
195	DS-6SSC95-166-530-22000-A/D	380V	530V	22	30	95m³/h	166m	4"	2m
196	DS-6SSC130-80-530-15000-A/D	380V	530V	15	20	130m³/h	80m	4"	2m
197	DS-6SSC130-120-530-22000-A/D	380V	530V	22	30	130m³/h	120m	4"	2m
198	DS-8SSC150-77-530-15000-A/D	380V	530V	15	20	150m³/h	77m	5"	2m
199	DS-8SSC160-100-530-22000-A/D	380V	530V	22	30	160m³/h	100m	5"	2m

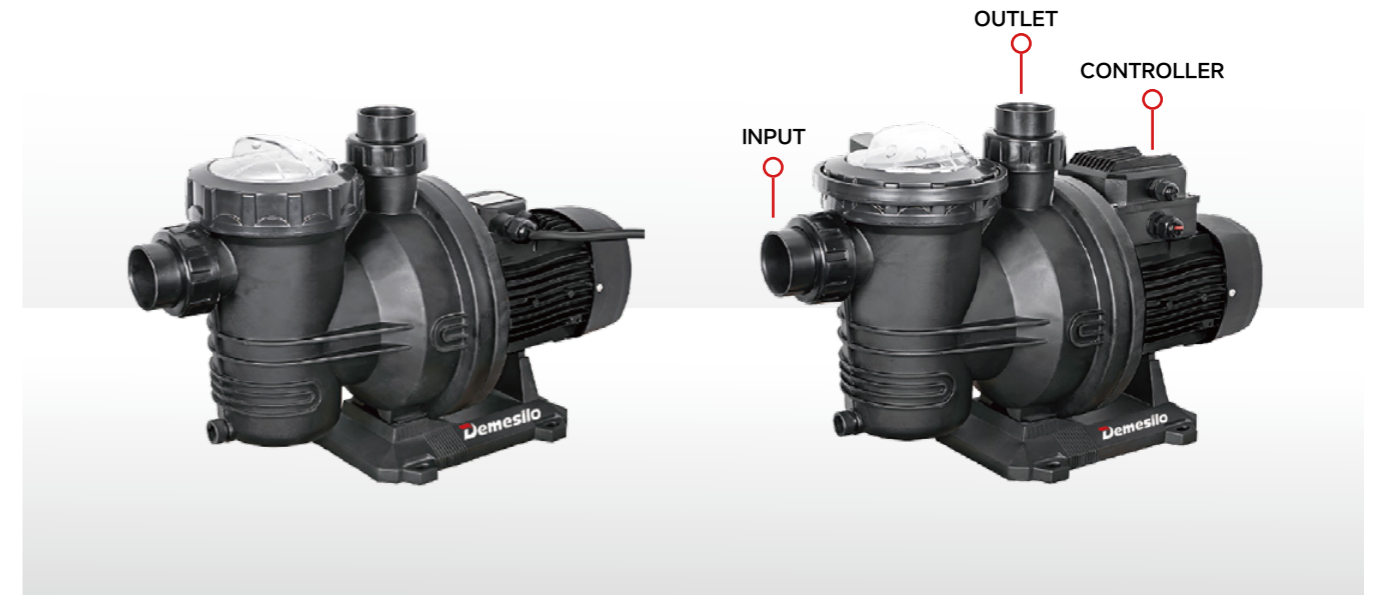
# Surface Pump **SERIES**

**DS-SQB**

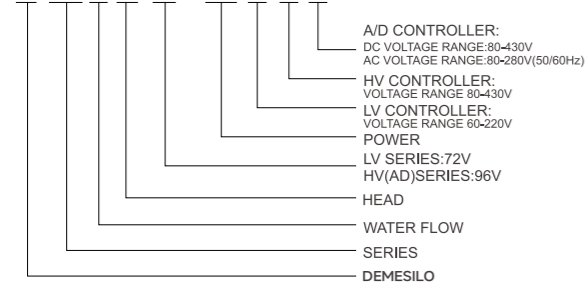


# Surface Pump **SERIES**

**DS-SSP**

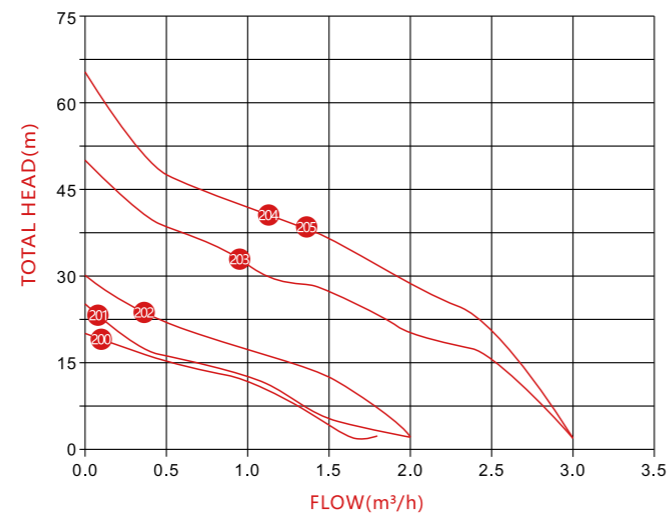


SD - SQB 3 - 65 - 72(96) - 750 - LV/(HV/AD)

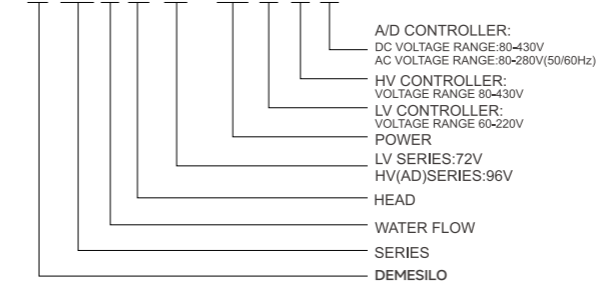


(A/D CONTROLLER) (HV CONTROLLER) (LV CONTROLLER)

## PERFORMANCE CURVES

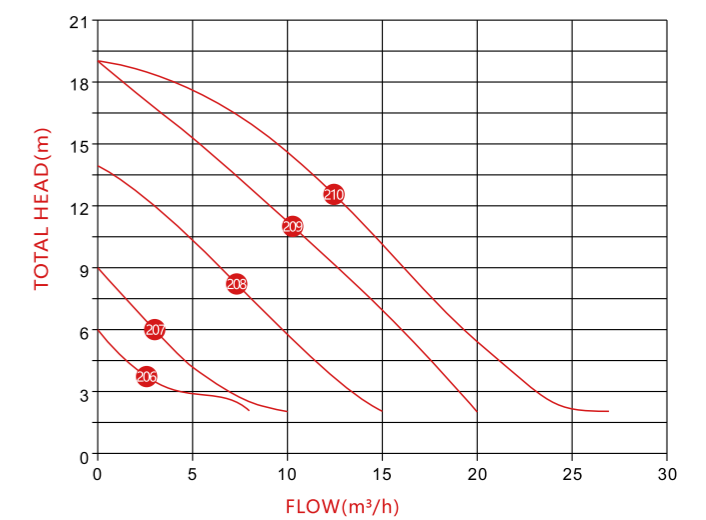


SD - SSP 20 - 19 - 72(96) - 750 - LV/(HV/AD)



(A/D CONTROLLER) (HV CONTROLLER) (LV CONTROLLER)

## PERFORMANCE CURVES



## TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		Kw	Hp				
200	DS-SQB1.8-20-18-180-(IN)	0.18	0.24	1.8m³/h	20m	1"	2m
201	DS-SQB2-25-24-210-LV/(IN)	0.21	0.28	2m³/h	25m	1"	2m
202	DS-SQB2-30-24-280-LV/(IN)	0.28	0.38	2m³/h	30m	1"	2m
203	DS-SQB3-50-48-550-LV/(IN)	0.55	0.75	3m³/h	50m	1"	2m
204	DS-SQB3-65-48-750-LV/(IN)	0.75	1	3m³/h	65m	1"	2m
205	DS-SQB3-65-72(96)-750-LV/(HV/AD)/(IN)	0.75	1	3m³/h	65m	1"	2m

## TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		Kw	Hp				
206	DS-SSP8-6-12-100-IN	0.1	0.13	8m³/h	6m	38x38(Hose)	2m
207	DS-SSP10-9-12-180-IN	0.18	0.24	10m³/h	9m	38x38(Hose)	2m
208	DS-SSP15-14-48-500-LV(IN)	0.5	0.7	15m³/h	14m	2"	2m
209	DS-SSP20-19-72(96)-LV(HV/AD)IN	0.9	1.2	20m³/h	19m	2"	2m
210	DS-SSP27-19-110(150)-1200-LV/(HV/AD)IN	1.2	1.6	27m³/h	19m	3"	2m

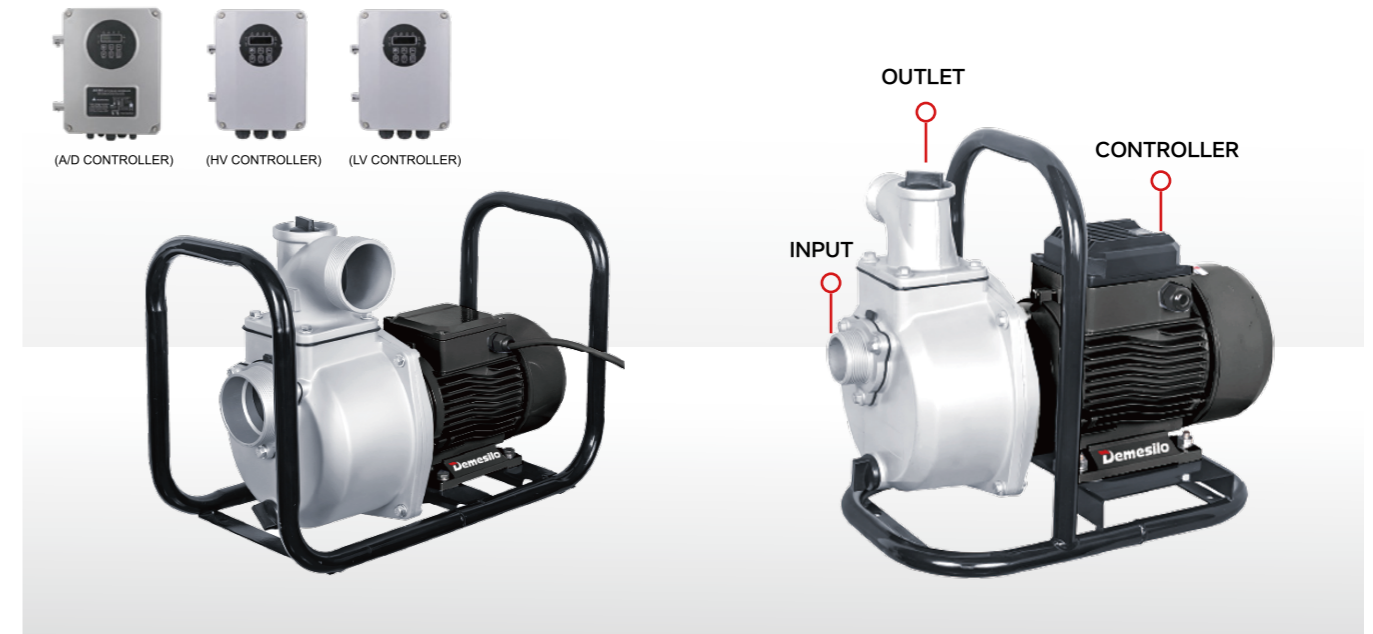
# Surface Pump **SERIES**

DS-SJ

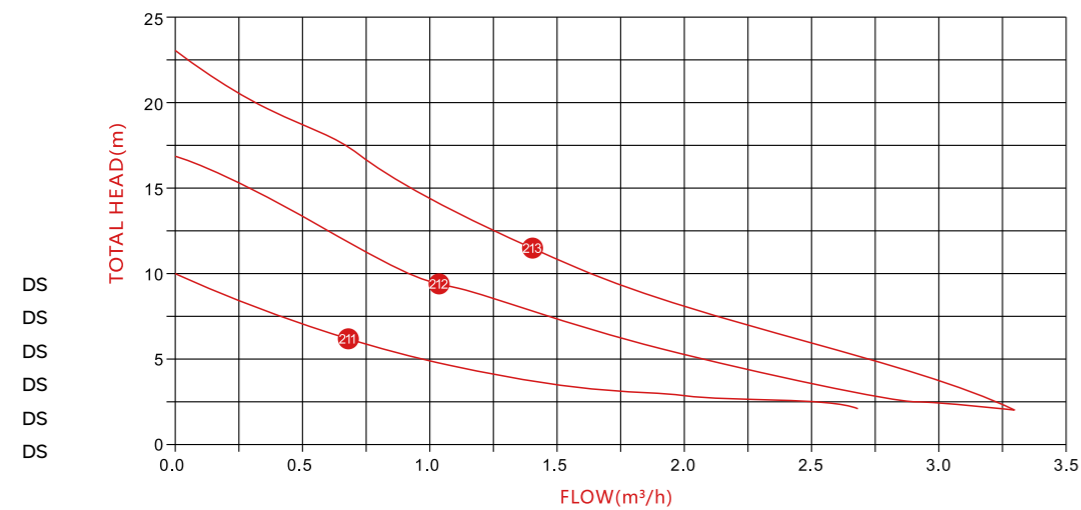


# Surface Pump **SERIES**

DS-SWP



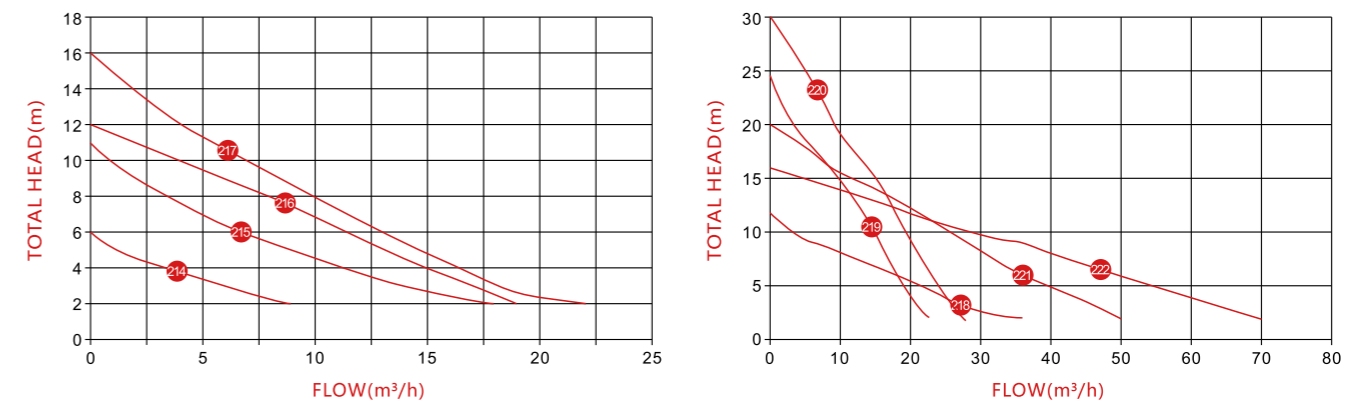
## PERFORMANCE CURVES



## TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		Kw	Hp				
211	DS-SJ2.7-10-12-100-IN	0.1	0.13	2.7	10	1"	2m
212	DS-SJ3.3-17-18-200-IN	0.2	0.24	3.3	17	1"	2m
213	DS-SJ3.3-23-24-300-IN	0.3	0.4	3.3	23	1"	2m

## PERFORMANCE CURVES

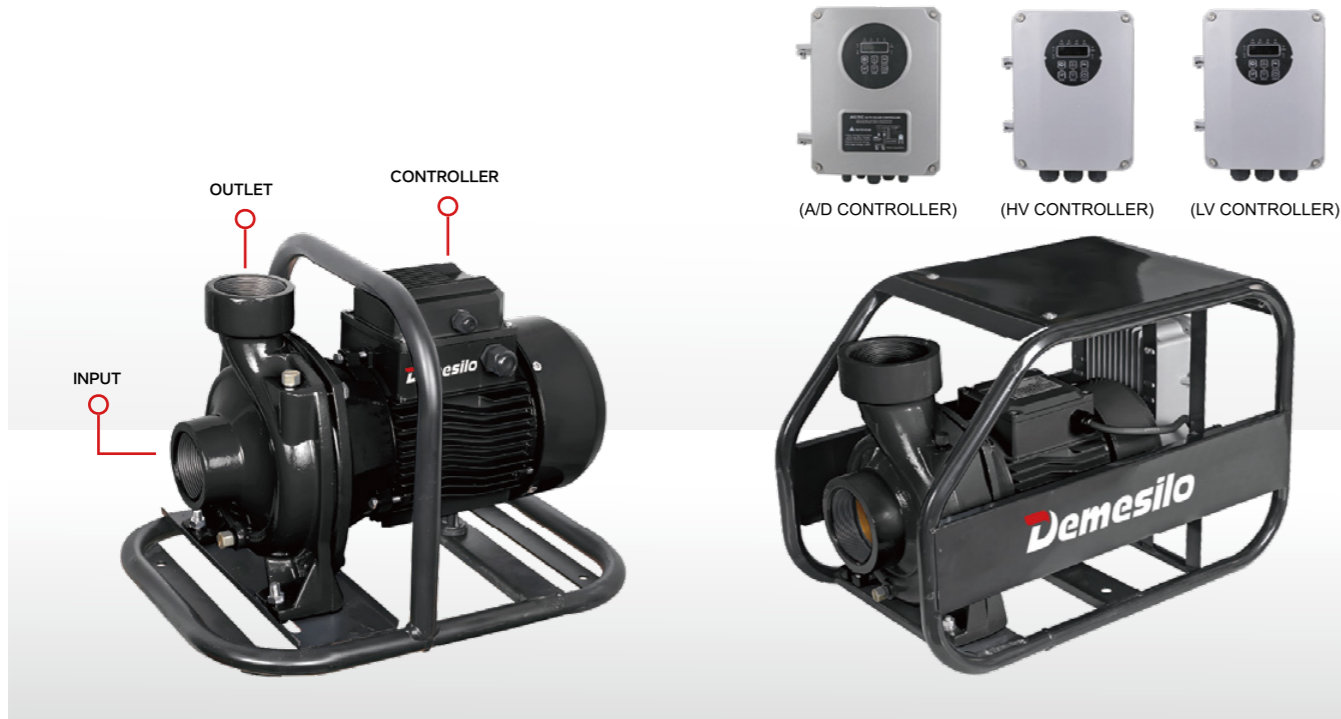


## TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		Kw	Hp				
214	DS-SWP9-6-24-300-IN	0.3	0.4	9m³/h	6m	1.5"	2m
215	DS-SWP18-11-48-600-IN	0.6	0.8	18m³/h	11m	2"	2m
216	DS-SWP19-12-72-750-IN	0.75	1	19m³/h	12m	2"	2m
217	DS-SWP22-16-110-1100-IN	1.1	1.5	22m³/h	16m	2"	2m
218	DS-SWP36-12-110-1100-IN	1.1	1.5	36m³/h	12m	3"	2m
219	DS-SWP23-25-110(180)-1500-LV/(HV/AD)	1.5	2	23m³/h	25m	2"	2m
220	DS-SWP28-30-280-2200-HV/(AD)	2.2	3	28m³/h	30m	2"	2m
221	DS-SWP50-20-280-2200-HV/(AD)	2.2	3	50m³/h	20m	3"	2m
222	DS-SWP70-16-280-2200-HV/(AD)	2.2	3	70m³/h	16m	4"	2m

# Surface Pump **SERIES**

## DS-SCPM

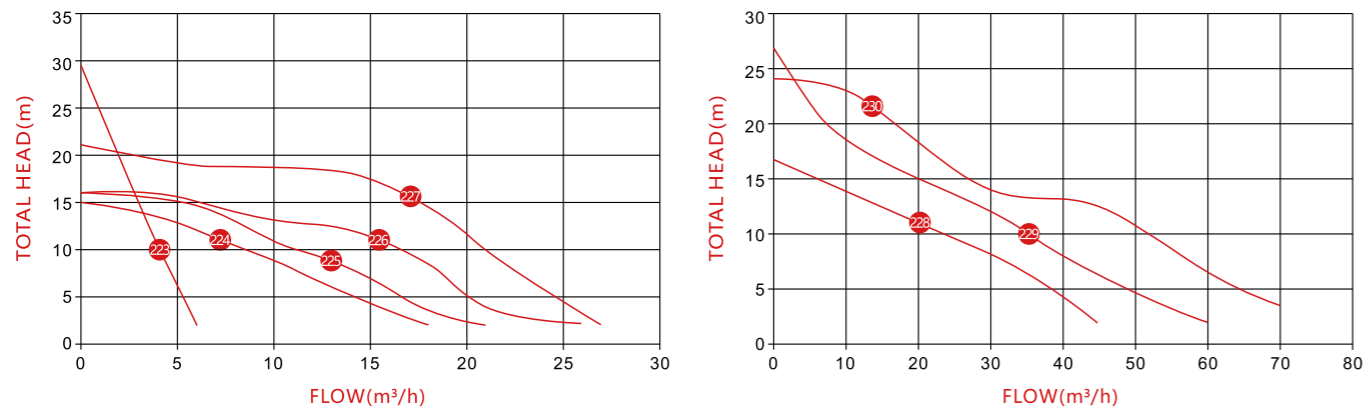


# Sewage Pump **SERIES**

## DS-SQD



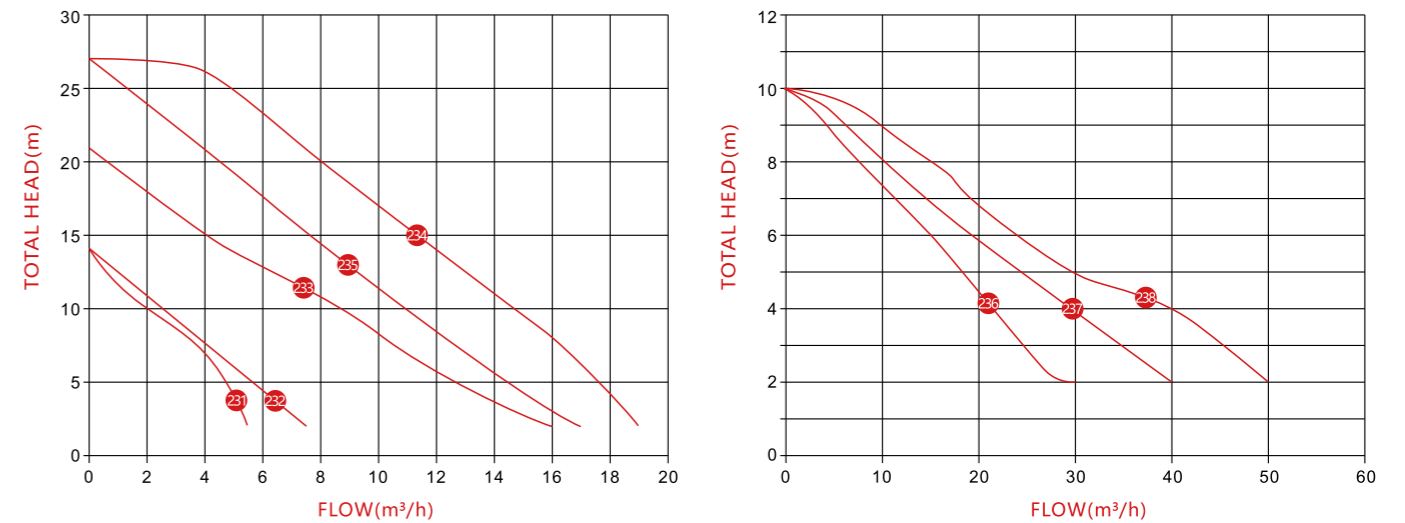
### PERFORMANCE CURVES



### TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		Kw	Hp				
223	DS-SCPM6-30-48-550-LV/(IN)	0.55	0.75	6m³/h	30m	1"	2m
224	DS-SCPM18-15-48-550-LV/(IN)	0.55	0.75	18m³/h	15m	2"	2m
225	DS-SCPM21-16-72(96)-750-LV/(HV/AD)/(IN)	0.75	1	21m³/h	16m	2"	2m
226	DS-SCPM26-16-110(150)-1100-LV/(HV/AD)/(IN)	1.1	1.5	26m³/h	16m	2"	2m
227	DS-SCPM27-21-110(180)-1500-LV/(HV/AD)	1.5	2	27m³/h	21m	2"	2m
228	DS-SCPM45-17-110(180)-1500-LV/(HV/AD)	1.5	2	45m³/h	17m	3"	2m
229	DS-SCPM60-27-280-2200-HV/(AD)	2.2	3	60m³/h	27m	3"	2m
230	DS-SCPM70-24-280-2200-HV/(AD)	2.2	3	70m³/h	24m	4"	2m

### PERFORMANCE CURVES



### TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		Kw	Hp				
231	DS-SQD5.5-14-24-300-LV(IN)	0.3	0.4	5.5m³/h	14m	1"	5m
232	DS-SQD7.5-14-24-300-LV(IN)	0.3	0.4	7.5m³/h	14m	1.5"	5m
233	DS-SQD16-21-48-600-LV(IN)	0.6	0.8	16m³/h	21m	2"	5m
234	DS-SQD19-27-110(150)-1100-LV/(HV/AD)(IN)	1.1	1.5	19m³/h	27m	2"	5m
235	DS-SQD17-27-72(96)-750-LV/(HV/AD)(IN)	1.3	1.75	17m³/h	27m	2"	5m
236	DS-SQD30-10-72(96)-750-LV/(HV/AD)	0.75	1	30m³/h	10m	3"	5m
237	DS-SQD40-10-110(150)-1100-LV/(HV/AD)	1.1	1.5	40m³/h	10m	3"	5m
238	DS-SQD50-10-110(180)-1500-LV/(HV/AD)	1.5	2	50m³/h	10m	3"	5m

# Surface Pump **SERIES**

## DS-SCPM

# Solar Aerator **SERIES**

## DS-SA/SWA/SIA/SPO



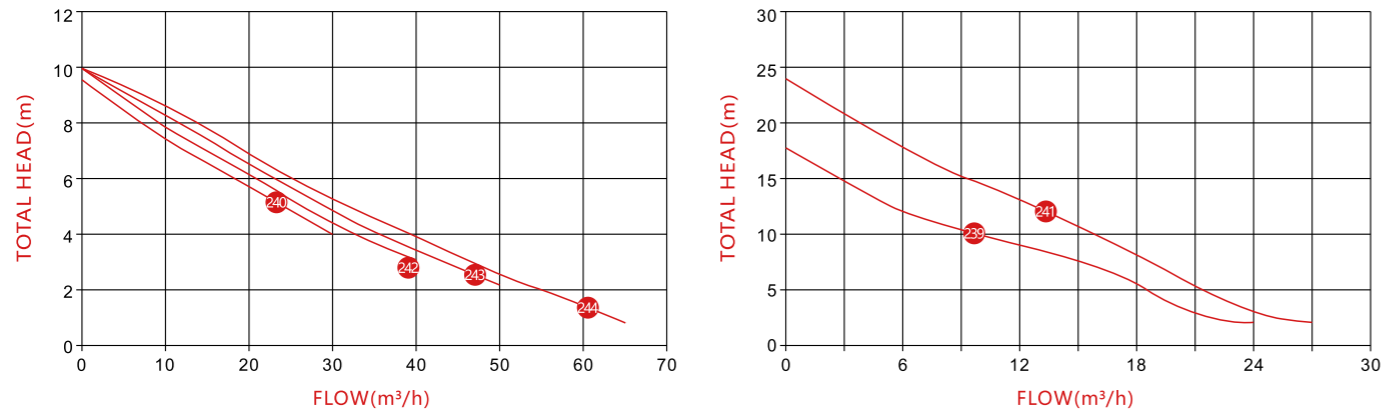
### TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		Kw	Hp				
245	DS-SA27-5-72(96)-750-LV(HV/AD)	0.75	1	27m³/h	5m	3"	2m
246	DS-SA32-7-110(150)-1100-LV(HV/AD)	1.1	1.5	32m³/h	7m	3"	2m
247	DS-SA43-7-110(180)-1500-LV(HV/AD)	1.5	2	43m³/h	7m	3"	2m
248	DS-SA60-5-280-2200-HV/(AD)	2.2	3	60m³/h	5m	4"	2m

### TECHNICAL DATA

NO.	Model	Power		Oxygenation rate	Covering Area (m²)	QTY of impeller	Cable
		Kw	Hp				
249	DS-SWA-110(180)-1500-LV(HV/AD)	1.5	2	≥ 1.1	2000-6000	4	2m
250	DS-SWA-280-2200-HV/(AD)	2.2	3	≥ 1.5	2665-8000	6	2m

### PERFORMANCE CURVES



### TECHNICAL DATA

NO.	Model	Power		Max. Flow	Max. Head	Outlet (inch)	Cable
		Kw	Hp				
239	DS-SWQD24-18-72(96)-750-LV(HV/AD)	0.75	1	24m³/h	18m	2"	5m
240	DS-SWQD30-9-72(96)-750-LV(HV/AD)	0.75	1	30m³/h	9m	3"	5m
241	DS-SWQD27-24-110(150)-1100-LV(HV/AD)	1.1	1.5	27m³/h	24m	2"	5m
242	DS-SWQD40-10-110(150)-1100-LV(HV/AD)	1.1	1.5	40m³/h	10m	3"	5m
243	DS-SWQD50-10-110(180)-1500-LV(HV/AD)	1.5	2	50m³/h	10m	3"	5m
244	DS-SWQD65-10-280-2200-HV/(AD)	2.2	3	65m³/h	10m	4"	5m

### TECHNICAL DATA

NO.	ITEM	Voltage	P <sub>2</sub>		Oxygenation rate (kgo/h)	Covering Area(m²)	Solar Panel	
			KW	HP			open voltage	power
251	DS-SIA-110-1500	110V	1.5	2	≥ 1.6	2000-4000	<210V	≥ 2000W

NO.	ITEM	AC Voltage	DC Voltage	P <sub>2</sub>		Oxygenation rate (kgo/h)	Covering Area(m²)	Solar Panel	
				KW	HP			open voltage	power
252	DS-SIA-200-1500-A/D	110V-240V	60V-430V	1.5	2	≥ 1.6	2000-4000	<430V	≥ 2000W
253	DS-SIA-300-2200-A/D	180V-240V	60V-430V	2.2	3	≥ 1.8	2665-5320	<430V	≥ 3000W
254	DS-SIA-380-3000-A/D	350V-460V	60V-430V	3	4	≥ 4.5	2665-5328	<800V	≥ 4000W

### TECHNICAL DATA

NO.	ITEM	Voltage	P <sub>2</sub>		Oxygenation rate (kgo/h)	Covering Area(m²)	Solar Panel	
			KW	HP			open voltage	power
255	DS-SPQ-110-1100	110V	1.1	1.5	≥ 1.1	2000-3500	<210V	≥ 1500W
256	DS-SPQ-110-1500	110V	1.5	2	≥ 1.5	3500-5500	<210V	≥ 2000W

NO.	ITEM	AC Voltage	DC Voltage	P <sub>2</sub>		Oxygenation rate (kgo/h)	Covering Area(m²)	Solar Panel	
				KW	HP			open voltage	power
257	DS-SPQ-150-1100-A/D	110V-240V	60V-430V	1.1	1.5	≥ 1.1	2000-3500	<430V	≥ 1500W
258	DS-SPQ-200-1500-A/D	110V-240V	60V-430V	1.5	2	≥ 1.5	3500-5500	<430V	≥ 2000W
259	DS-SPQ-300-2200-A/D	180V-240V	60V-430V	2.2	3	≥ 3.0	5500-8000	<430V	≥ 3000W

**SOLAR CONTROLLER**



(LV CONTROLLER)



(HV CONTROLLER)



(A/D CONTROLLER)



(SUPER CONTROLLER)

**CONTROLLER AND PUMP MATACHING METHOD**

CONTROLLER TYPE	Adaptable Pump	Max.Input Current(A)	Max.Open Circuit Voltage(V)	AC Voltage(V)	MPPT Voltage Range(V)	Working Temperature °C	Voltage range (V)
DS-24	Rated 24V	18	<60	/	30-48	-15~60	18-60
DS-36	Rated 36V	18	<60	/	30-48	-15~60	18-60
DS-48	Rated 48V	18	<110	/	60-90	-15~60	30-110
DS-72	Rated 72V	18	<170	/	90-120	-15~60	50-170
DS-96/110	Rated 96/110V	18	<220	/	96-150	-15~60	60-220
DS-96-HV	Rated 96V-HV	18	<430	/	96-350	-15~60	80-430
DS-150-HV	Rated 150V-HV	18	<430	/	150-350	-15~60	80-430
DS-180-HV	Rated 180V-HV	18	<430	/	180-350	-15~60	80-430
DS-280-HV	Rated 280V-HV	18	<430	/	280-350	-15~60	80-430
DS-300-HV	Rated 300V-HV	18	<430	/	300-350	-15~60	80-430
DS-96-AD	Rated 96V-AD	18	<430	80~280	96-350	-15~60	80-430
DS-150-AD	Rated 150V-AD	18	<430	80~280	150-350	-15~60	80-430
DS-180-AD	Rated 180V-AD	18	<430	80~280	180-350	-15~60	80-430
DS-280-AD	Rated 280V-AD	18	<430	80~280	280-350	-15~60	80-430
DS-300-AD	Rated 300V-AD	18	<430	80~280	300-350	-15~60	80-430
DS-530-AD	Rated 530V-AD		<780	260~480	480-650	-15~60	200-780

**SOLAR PANEL PARAMETER**

Control box Type	MODEL	375W		410W		450W		550W		control box parameter			
		Working Voltage	Open Voltage	Working Voltage	Open Voltage	Working Voltage	Open Voltage	Working Voltage	Open Voltage	Best Working Voltage	Open Voltage		
		34.20V	41.50V	38.6V	46.4V	41V	49V	41.80V	49.75V				
DC Type	750W-72V	3 pcs in series		3 pcs in series		3 pcs in series		3 pcs in series		90V-120V	<170V		
	900W-72V	3 pcs in series		3 pcs in series		3 pcs in series		3 pcs in series		90V-120V	<170V		
	1100W-110V	4 pcs in series		4 pcs in series		4 pcs in series		3 pcs in series		110V-150V	<210V		
	1200W-110V	total 8pcs, 4pcs in series and in 2 parallels		4 pcs in series		4 pcs in series		4 pcs in series		110V-150V		<210V	
	1300W-110V												
1500W-110V	total 8pcs, 4pcs in series and in 2 parallels		total 8pcs, 4pcs in series and in 2 parallels		total 8pcs, 4pcs in series and in 2 parallels		4 pcs in series		110V-150V	<210V			
HV&AC/DC Type	750W-110V	3 or 4 pcs in series		3 pcs in series		3 pcs in series		3 pcs in series		110V-130V	<430V		
	1100W-150V	5 or 6 pcs in series		4 pcs in series		4 pcs in series		4 pcs in series		150V-180V	<430V		
	1500W-200V	6 or 7 pcs in serie		5 or 6 pcs in series		5 or 6 pcs in series		5 pcs in series		200V-220V	<430V		
	2200W-300V	8 or 9 pcs in series		8 pcs in serie		7 or 8 pcs in serie		7 pcs in serie		280V-320V	<430V		
AC/DC (INVERTER TYPE)	750W-220V	7 or 8 pcs in serie		7 or 8 pcs in serie		7 or 8 pcs in serie		7 or 8 pcs in serie		280V-320V	<450V		
	1100W-220V	7 or 8 pcs in serie		7 or 8 pcs in serie		7 or 8 pcs in serie		7 or 8 pcs in serie		280V-320V	<450V		
	1500W-220V	7 or 8 pcs in serie		7 or 8 pcs in serie		7 or 8 pcs in serie		7 or 8 pcs in serie		280V-320V	<450V		
	2200W-220V	8 or 9 pcs in series		8 pcs in serie		7 pcs in series		7 pcs in series		280V-320V	<450V		
	2200W-380V	14 pcs in series		12 pcs in series		12 pcs in series		12 pcs in series		480V-530V	<800V		
	3000W-380V	15 pcs in series		13 pcs in series		12 pcs in series		12 pcs in series		480V-530V	<800V		
	4000W-380V	15 pcs in series		13 pcs in series		12 pcs in series		12 pcs in series		480V-530V	<800V		
	5500W-380V	total 28pcs, 14pcs in series and in 2 parallels		total 26pcs, 13pcs in series and in 2 parallels		total 24pcs, 12pcs in series and in 2 parallels		13 pcs in series		480V-530V	<800V		
	7500W-380V	total 30pcs, 15pcs in series and in 2 parallels		total 26pcs, 13pcs in series and in 2 parallels		total 24pcs, 12pcs in series and in 2 parallels		total 24pcs, 12pcs in series and in 2 parallels		480V-530V	<800V		
	9200W-380V	total 42pcs, 14pcs in series and in 3 parallels		total 39pcs, 13pcs in series and in 3 parallels		total 26pcs, 13pcs in series and in 2 parallels		total 24pcs, 12pcs in series and in 2 parallels		480V-530V	<800V		
	11KW-380V	total 48pcs, 16pcs in series and in 3 parallels		total 39pcs, 13pcs in series and in 3 parallels		total 36pcs, 12pcs in series and in 3 parallels		total 26pcs, 13pcs in series and in 2 parallels		480V-530V	<800V		
	15KW-380V	total 60pcs, 15pcs in series and in 4 parallels		total 52pcs, 13pcs in series and in 4 parallels		total 48pcs, 12pcs in series and in 4 parallels		total 36pcs, 12pcs in series and in 3 parallels		480V-530V	<800V		

# ACCESSORIES



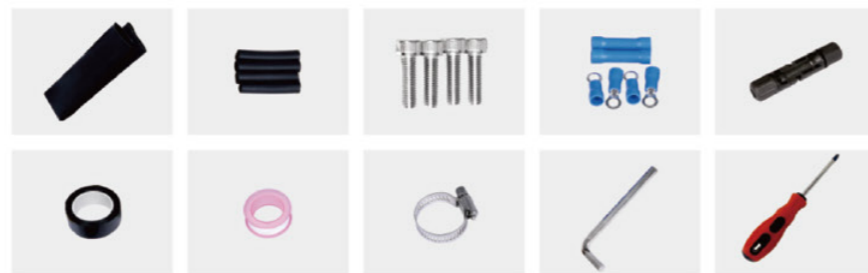
## FREE ACCESSORIES



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# DIAGRAM OF SYSTEM

