

# RIDA SOLAR PUMP

PROFESSIONAL MANUFACTURING



**RIDA PUMP CO.,LTD.**

ADD: Yingqian industrial area Shanshi village,  
daxi town, Zhejiang province, china.

Http: [www.ridapumps.com](http://www.ridapumps.com)

**RIDA PUMP CO.,LTD.**

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# OUR CERTIFICATE

The company's products have obtained: inspection report, CE certification, ISO9001 certification and a series of product patents issued by Zhejiang Provincial Bureau of quality and technical supervision.



## ABOUT US

Rida Pump CO.,LTD is a modern professional multistage deep-well submersible pumps production enterprise which specializes in design, manufacture and sale of the above mentioned products.

Our company located in Yingqian industrial area, Daxi town, Wenling city, one of the pump production base in Zhejiang, China. It is 230 kms from Ningbo Port, and it takes only 2hours to Ningbo port. Since the Hangzhou Bay Grand Bridge has completed . It is only 350KMS from here to Shanghai, the biggest city of China.

The company has more than 50 sets of production equipment and 6 flexible assembly lines. Including body shell workshop, accessories Seiko workshop, motor rotor workshop, pump workshop, cable workshop, pump warehouse, semi-finished product warehouse. With the

help of computer aided design (CAD) technology and strong research team. The company has long-lasting advantages, and constantly develop new products. So far, our products have sold well in more than 20 countries and regions.

The sprit of Rida is honest, united , struggle and created, Upholding the principle of quality of life , technology for development and service for credit, the company provides customers with high quality products ,excellent services and favorable prices.

It warmly welcome all customers at home and abroad.



## USE SCENARIOS

# SOLAR PUMP



**RIDA PUMP CO.,LTD.**

## CATALOGUE

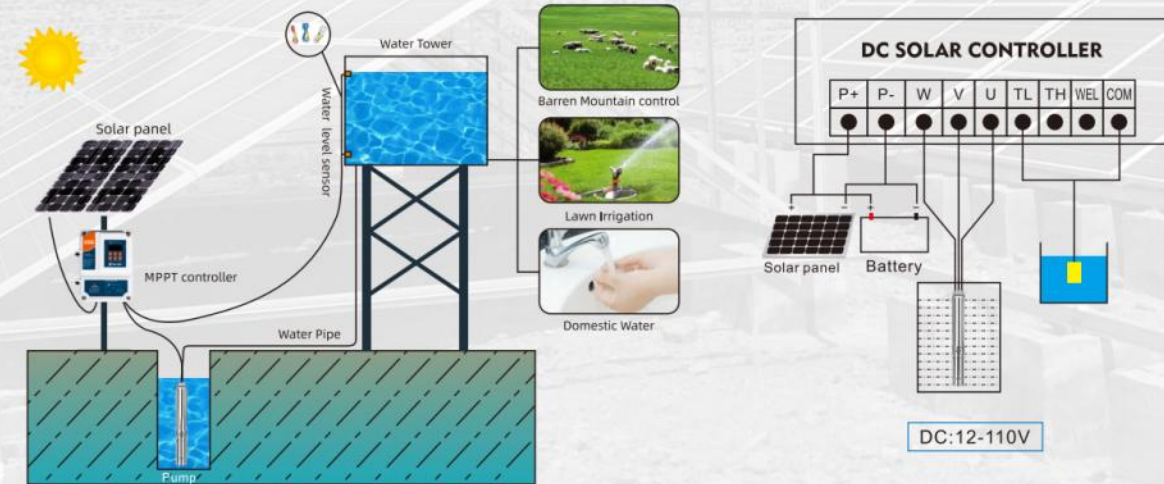
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# DC SUBMERSIBLE PUMP

1. Permanent magnet DC brushless synchronous motor: The efficiency is increased by 15% - 20%, saving energy consumption.
2. The whole 304 stainless steel rotor shaft avoids the risk of shaft breakage.
3. Brass/Stainless steel outlet/connector/ oil cylinder, with better corrosion resistance.
4. Japanese NSK bearing, longer working life.
5. Double bearing structure at the bottom of rotor, using angular contact bearing, can withstand greater axial pressure.
6. Silicon carbide-impregnated graphite mechanical seal, long service life and reliable operation.
7. 180°C high temperature resistant copper wire, insulation class F.
8. Cold rolled 600 silicon steel sheet stator and rotor.
9. The magnet is made of 40SH aluminum iron boron, with a temperature resistance of 150°C.
10. 304 S/S pump shaft.
11. 2 years warranty.



DC:12-110V

## Controller:

- (1) Waterproof grade: IP65
- (2) Wide open circuit voltage range
- (3) Ambient temperature: -15°C~60°C
- (4) MPPT function, the solar power utilization rate is higher.
- (5) LED displays the power, voltage, current, speed etc working condition.
- (6) It can automatically adjust the speed for operation according to the sunlight power, and can also manually adjust the speed for operation according to the actual demand.
- (7) Automatic startup and shutdown, without personnel on duty.
- (8) Soft start: No impulse current, protect the pump motor.
- (9) Over-voltage/undervoltage/over-current/phase loss/short circuit/water shortage/high temperature protection etc.



DC controller



AC/DC controller  
HV controller



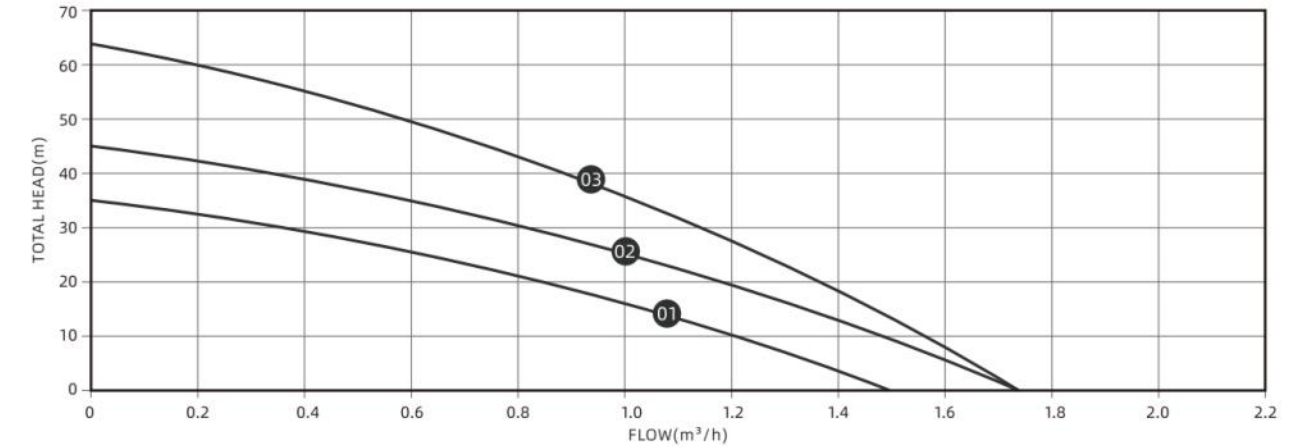
## 2RDC 2"DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

### RIDA SOLAR PUMP



DC controller

### HYDRAULIC PERFORMANCE CURVES



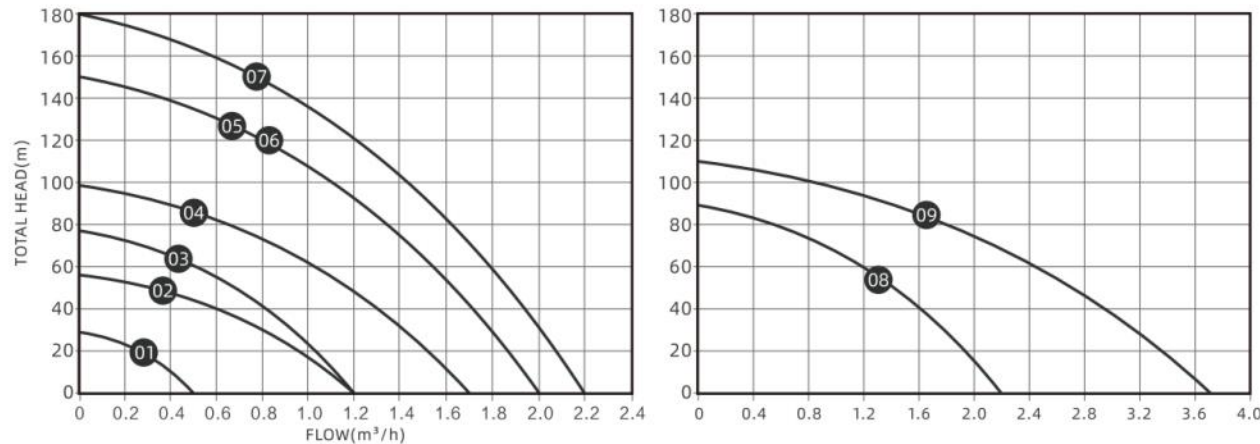
### ACCESSORIES



### TECHNICAL DATA

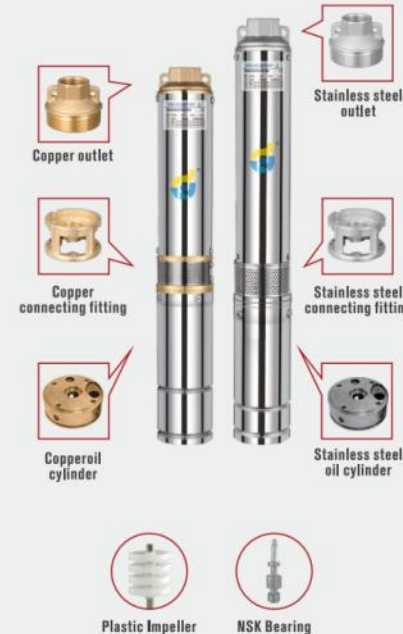
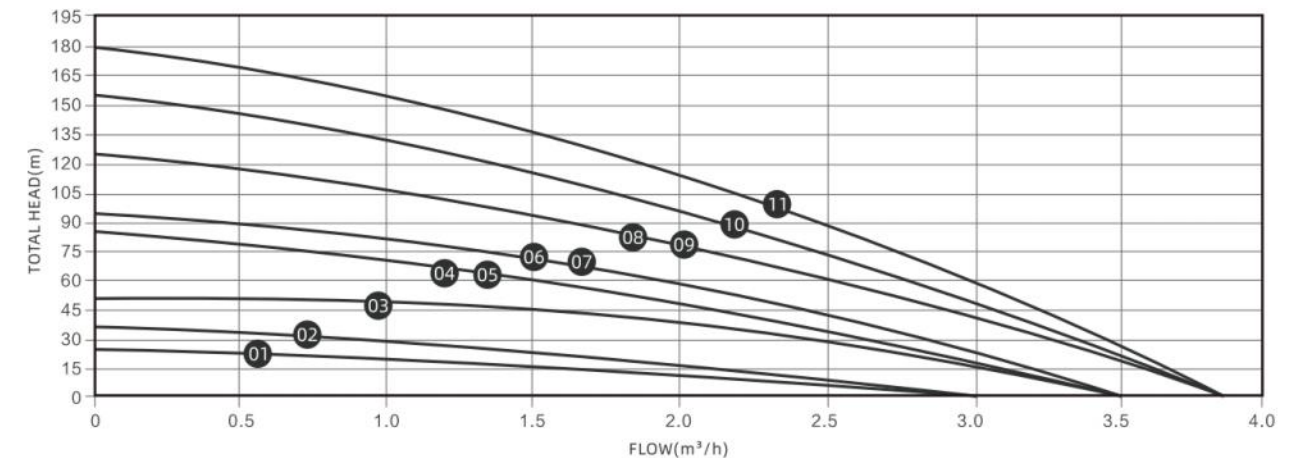
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	2RDC1.5-35-24-200	24V	30V-48V	200W	1.5m³/h	35m	0.75"	2m	<50V	≥1.3*PUMP POWER
02	2RDC1.7-45-24-300	24V	30V-48V	300W	1.7m³/h	45m	0.75"	2m	<50V	≥1.3*PUMP POWER
03	2RDC1.7-64-48-400	48V	60V-90V	400W	1.7m³/h	64m	0.75"	2m	<100V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**

**HYDRAULIC PERFORMANCE CURVES**

**ACCESSORIES**

**TECHNICAL DATA**

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RDS0.5-28-12-80	12V	20V-36V	80W	0.5m <sup>3</sup> /h	28m	0.75"	2m	<50V	≥1.3*PUMP POWER
02	3RDS1.2-56-24-120	24V	30V-48V	120W	1.2m <sup>3</sup> /h	56m	0.75"	2m	<50V	≥1.3*PUMP POWER
03	3RDS1.2-77-36-210	36V	30V-48V	210W	1.2m <sup>3</sup> /h	77m	0.75"	2m	<50V	≥1.3*PUMP POWER
04	3RDS1.7-109-48-500	48V	60V-90V	500W	1.7m <sup>3</sup> /h	109m	0.75"	2m	<100V	≥1.3*PUMP POWER
05	3RDS2.0-150-48-750	48V	60V-90V	750W	2.0m <sup>3</sup> /h	150m	0.75"	2m	<100V	≥1.3*PUMP POWER
06	3RDS2.0-150-72-750	72V	90V-120V	750W	2.0m <sup>3</sup> /h	150m	0.75"	2m	<150V	≥1.3*PUMP POWER
07	3RDS2.2-180-72-1100	72V	90V-120V	1100W	2.2m <sup>3</sup> /h	180m	0.75"	2m	<150V	≥1.3*PUMP POWER
08	4RDS2.2-88-48-600	48V	60V-90V	600W	2.2m <sup>3</sup> /h	88m	1"	2m	<100V	≥1.3*PUMP POWER
09	4RDS3.7-112-72-750	72V	90V-120V	750W	3.7m <sup>3</sup> /h	112m	1"	2m	<150V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**

**HYDRAULIC PERFORMANCE CURVES**

**ACCESSORIES**

**TECHNICAL DATA**

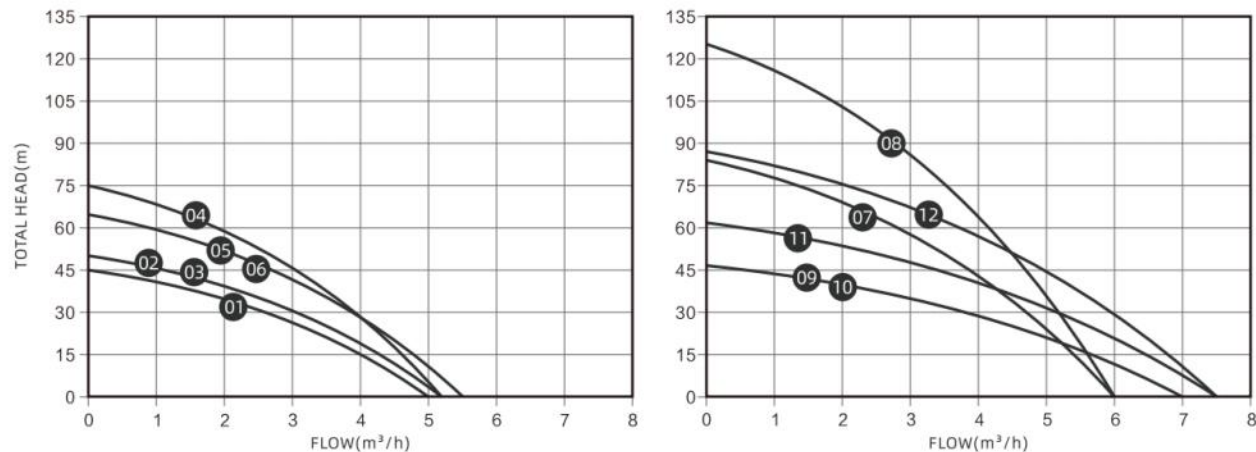
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RDC3-25-24-200	24V	30V-48V	200W	3.0m <sup>3</sup> /h	25m	1.25"	2m	<50V	≥1.3*PUMP POWER
02	3RDC3-35-24-300	24V	30V-48V	300W	3.0m <sup>3</sup> /h	35m	1.25"	2m	<50V	≥1.3*PUMP POWER
03	3RDC3.5-47-48-400	48V	60V-90V	400W	3.5m <sup>3</sup> /h	47m	1.25"	2m	<100V	≥1.3*PUMP POWER
04	3RDC3.5-80-48-600	48V	60V-90V	600W	3.5m <sup>3</sup> /h	80m	1.25"	2m	<100V	≥1.3*PUMP POWER
05	3RDC3.5-80-72-600	72V	90V-120V	600W	3.5m <sup>3</sup> /h	80m	1.25"	2m	<150V	≥1.3*PUMP POWER
06	3RDC3.5-95-48-750	48V	60V-90V	750W	3.5m <sup>3</sup> /h	95m	1.25"	2m	<100V	≥1.3*PUMP POWER
07	3RDC3.5-95-72-750	72V	90V-120V	750W	3.5m <sup>3</sup> /h	95m	1.25"	2m	<150V	≥1.3*PUMP POWER
08	3RDC3.8-123-72-1100	72V	90V-120V	1100W	3.8m <sup>3</sup> /h	123m	1.25"	2m	<150V	≥1.3*PUMP POWER
09	3RDC3.8-123-110-1100	110V	110V-150V	1100W	3.8m <sup>3</sup> /h	123m	1.25"	2m	<200V	≥1.3*PUMP POWER
10	3RDC3.8-155-110-1300	110V	110V-150V	1300W	3.8m <sup>3</sup> /h	155m	1.25"	2m	<200V	≥1.3*PUMP POWER
11	3RDC3.8-180-110-1500	110V	110V-150V	1500W	3.8m <sup>3</sup> /h	180m	1.25"	2m	<200V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**



DC controller

**HYDRAULIC PERFORMANCE CURVES**



**ACCESSORIES**



**TECHNICAL DATA**

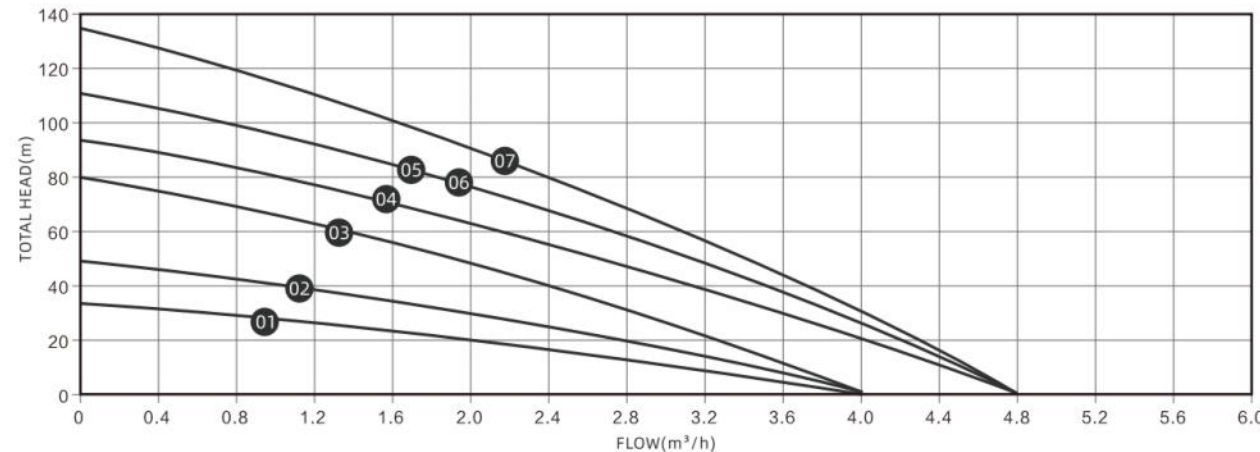
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RDC5-45-48-500	48V	60V-90V	500W	5m³/h	45m	1.5"	2m	<100V	≥1.3*PUMP POWER
02	3RDC5.2-50-48-600	48V	60V-90V	600W	5.2m³/h	50m	1.5"	2m	<100V	≥1.3*PUMP POWER
03	3RDC5.2-50-72-600	72V	90V-120V	600W	5.2m³/h	50m	1.5"	2m	<150V	≥1.3*PUMP POWER
04	3RDC5.2-75-110-750	110V	110V-150V	750W	5.2m³/h	75m	1.5"	2m	<200V	≥1.3*PUMP POWER
05	3RDC5.5-65-72-750	72V	90V-120V	750W	5.5m³/h	65m	1.5"	2m	<150V	≥1.3*PUMP POWER
06	3RDC5.5-65-110-750	110V	110V-150V	750W	5.5m³/h	65m	1.5"	2m	<200V	≥1.3*PUMP POWER
07	3RDC6-84-110-1100	110V	110V-150V	1100W	6m³/h	84m	1.5"	2m	<200V	≥1.3*PUMP POWER
08	3RDC6-125-110-1500	110V	110V-150V	1500W	6m³/h	125m	1.5"	2m	<200V	≥1.3*PUMP POWER
09	3RDC7-46-72-750	72V	90V-120V	750W	7m³/h	46m	1.5"	2m	<150V	≥1.3*PUMP POWER
10	3RDC7-46-110-750	110V	110V-150V	750W	7m³/h	46m	1.5"	2m	<200V	≥1.3*PUMP POWER
11	3RDC7.5-62-110-1100	110V	110V-150V	1100W	7.5m³/h	62m	1.5"	2m	<200V	≥1.3*PUMP POWER
12	3RDC7.5-78-110-1500	110V	110V-150V	1500W	7.5m³/h	78m	1.5"	2m	<200V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**



DC controller

**HYDRAULIC PERFORMANCE CURVES**



**ACCESSORIES**



**TECHNICAL DATA**

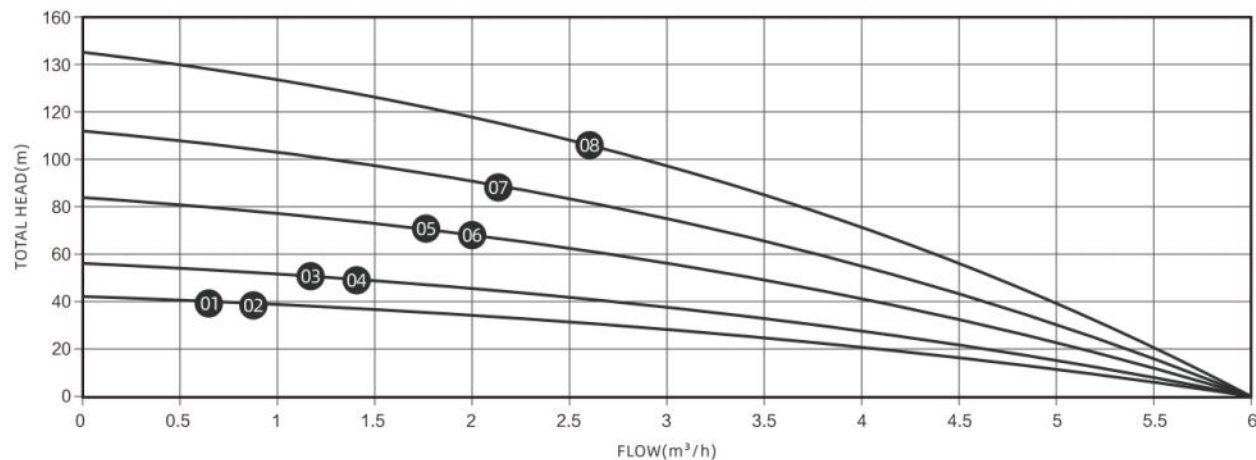
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RDSS4-35-24-300	24V	30V-48V	300w	4m³/h	35m	1.25"	2m	<50V	≥1.3*PUMP POWER
02	3RDSS4-50-48-400	48V	60V-90v	400w	4m³/h	50m	1.25"	2m	<100V	≥1.3*PUMP POWER
03	3RDSS4-80-48-600	48V	60V-90V	600w	4m³/h	80m	1.25"	2m	<100V	≥1.3*PUMP POWER
04	3RDSS4.8-95-72-750	72V	90V-120V	750W	4.8m³/h	95m	1.25"	2m	<150V	≥1.3*PUMP POWER
05	3RDSS4.8-112-72-1100	72V	90V-120V	1100w	4.8m³/h	112m	1.25"	2m	<150V	≥1.3*PUMP POWER
06	3RDSS4.8-112-110-1100	110V	110V-150V	1100W	4.8m³/h	112m	1.25"	2m	<200V	≥1.3*PUMP POWER
07	3RDSS4.8-135-110-1500	110V	110V-150V	1500W	4.8m³/h	135m	1.25"	2m	<200V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**

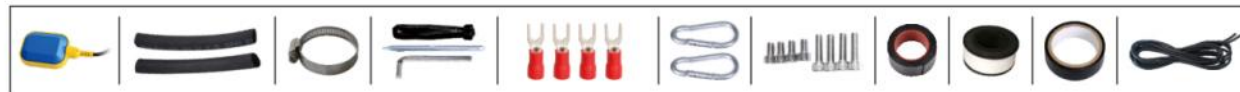


DC controller

**HYDRAULIC PERFORMANCE CURVES**



**ACCESSORIES**



**TECHNICAL DATA**

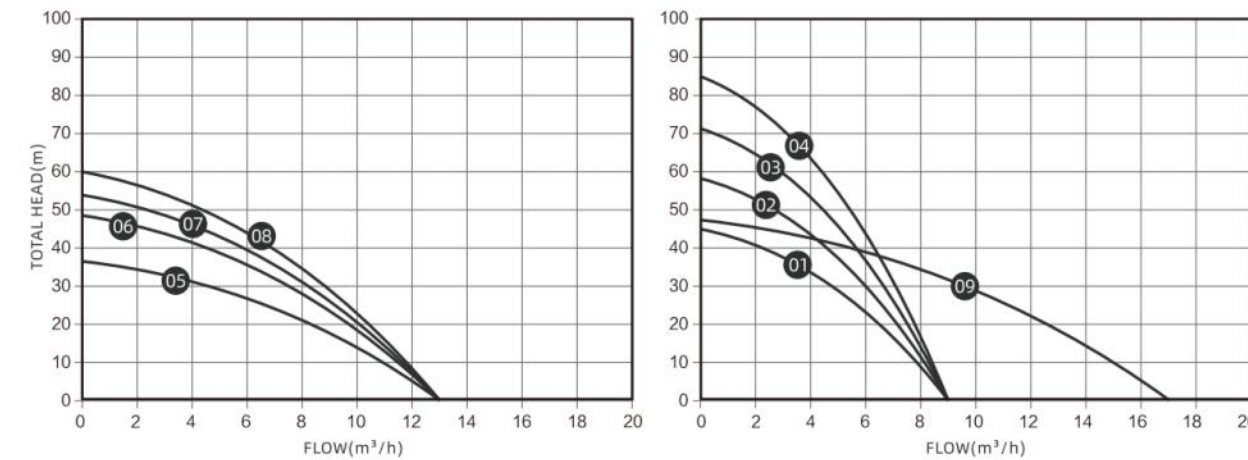
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDC6-42-48-600	48V	60V-90V	600W	6.0m³/h	42m	1.25"	2m	<100V	≥1.3*PUMP POWER
02	4RDC6-42-72-600	72V	90V-120V	600W	6.0m³/h	42m	1.25"	2m	<150V	≥1.3*PUMP POWER
03	4RDC6-56-48-750	48V	60V-90V	750W	6.0m³/h	56m	1.25"	2m	<100V	≥1.3*PUMP POWER
04	4RDC6-56-72-750	72V	90V-120V	750W	6.0m³/h	56m	1.25"	2m	<150V	≥1.3*PUMP POWER
05	4RDC6-84-72-1100	72V	90V-120V	1100W	6.0m³/h	84m	1.25"	2m	<150V	≥1.3*PUMP POWER
06	4RDC6-84-110-1100	110V	110V-150V	1100W	6.0m³/h	84m	1.25"	2m	<200V	≥1.3*PUMP POWER
07	4RDC6-112-110-1300	110V	110V-150V	1300W	6.0m³/h	112m	1.25"	2m	<200V	≥1.3*PUMP POWER
08	4RDC6-135-110-1500	110V	110V-150V	1500W	6.0m³/h	135m	1.25"	2m	<200V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**



DC controller

**HYDRAULIC PERFORMANCE CURVES**



**ACCESSORIES**



**TECHNICAL DATA**

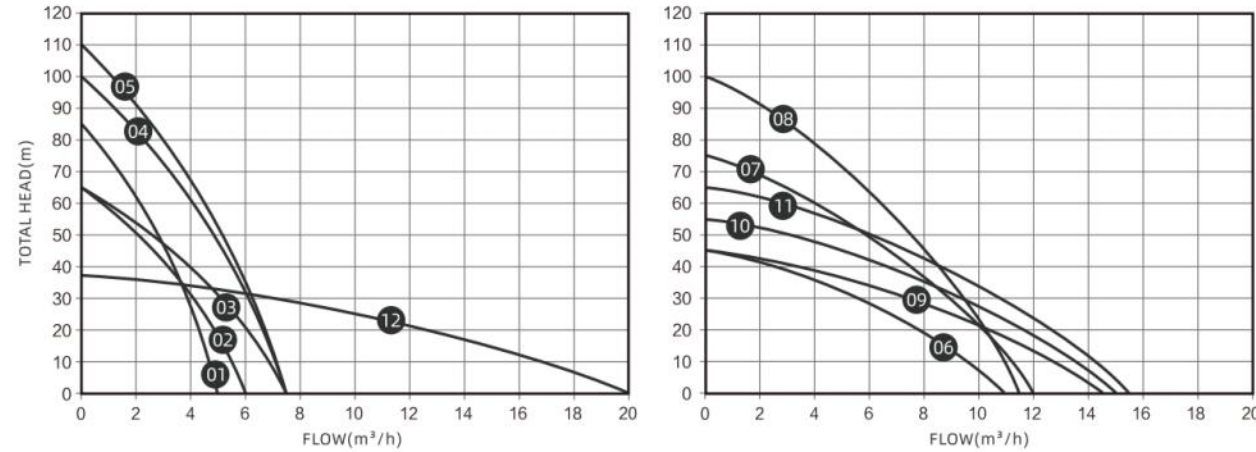
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDC9-45-110-750	110V	110V-150V	750W	9.0m³/h	45m	2"	2m	<200V	≥1.3*PUMP POWER
02	4RDC9-58-110-1100	110V	110V-150V	1100W	9.0m³/h	58m	2"	2m	<200V	≥1.3*PUMP POWER
03	4RDC9-71-110-1300	110V	110V-150V	1300W	9.0m³/h	71m	2"	2m	<200V	≥1.3*PUMP POWER
04	4RDC9-85-110-1500	110V	110V-150V	1500W	9.0m³/h	85m	2"	2m	<200V	≥1.3*PUMP POWER
05	4RDC13-36-110-750	110V	110V-150V	750W	13.0m³/h	36m	2"	2m	<200V	≥1.3*PUMP POWER
06	4RDC13-49-110-1100	110V	110V-150V	1100W	13.0m³/h	49m	2"	2m	<200V	≥1.3*PUMP POWER
07	4RDC13-54-110-1300	110V	110V-150V	1300W	13.0m³/h	54m	2"	2m	<200V	≥1.3*PUMP POWER
08	4RDC13-60-110-1500	110V	110V-150V	1500W	13.0m³/h	60m	2"	2m	<200V	≥1.3*PUMP POWER
09	4RDC17-48-110-1500	110V	110V-150V	1500W	17.0m³/h	48m	2"	2m	<200V	≥1.3*PUMP POWER

# 4RDC 4"DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

## RIDA SOLAR PUMP



### HYDRAULIC PERFORMANCE CURVES



### ACCESSORIES

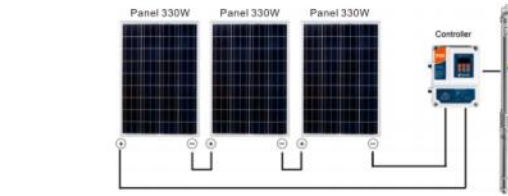


### TECHNICAL DATA

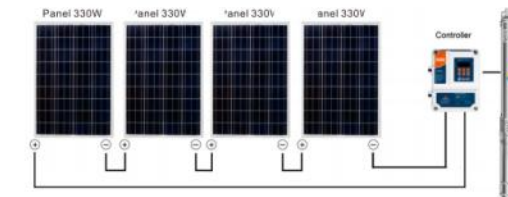
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDC5-85-110-750	110V	110V-150V	750W	5m³/h	85m	1.25"	2m	<200V	≥1.3*PUMP POWER
02	4RDC6-65-72-550	72V	90V-120V	550W	6m³/h	65m	1.25"	2m	<150V	≥1.3*PUMP POWER
03	4RDC7.5-65-110-750	110V	110V-150V	750W	7.5m³/h	65m	2"	2m	<200V	≥1.3*PUMP POWER
04	4RDC7.5-100-72-1100	72V	90V-120V	1100W	7.5m³/h	100m	2"	2m	<150V	≥1.3*PUMP POWER
05	4RDC7.5-110-110-1500	110V	110V-150V	1500W	7.5m³/h	110m	2"	2m	<200V	≥1.3*PUMP POWER
06	4RDC11-45-72-550	72V	90V-120V	550W	11m³/h	45m	2"	2m	<150V	≥1.3*PUMP POWER
07	4RDC12-75-72-1100	72V	90V-120V	1100W	12m³/h	75m	2"	2m	<150V	≥1.3*PUMP POWER
08	4RDC11.5-100-110-1500	110V	110V-150V	1500W	11.5m³/h	100m	2"	2m	<200V	≥1.3*PUMP POWER
09	4RDC14.5-45-110-750	110V	110V-150V	750W	14.5m³/h	45m	2"	2m	<200V	≥1.3*PUMP POWER
10	4RDC15-55-72-1100	72V	90V-120V	1100W	15m³/h	55m	2"	2m	<150V	≥1.3*PUMP POWER
11	4RDC15.5-65-110-1500	110V	110V-150V	1500W	15.5m³/h	65m	2"	2m	<200V	≥1.3*PUMP POWER
12	4RDC20-38-110-1500	110V	110V-150V	1500W	20m³/h	38m	2"	2m	<200V	≥1.3*PUMP POWER

### SOLAR PANEL RECOMMENDATION

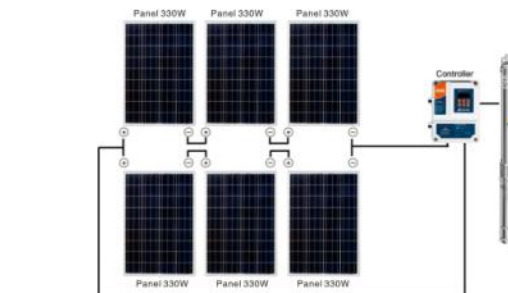
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4RDC11-45-72-550



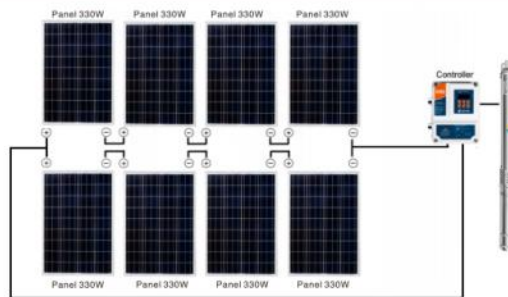
4RDC7.5-65-110-750  
4RDC14.5-45-110-750



4RDC7.5-100-72-1100  
4RDC12-75-72-1100  
4RDC15-55-72-1100

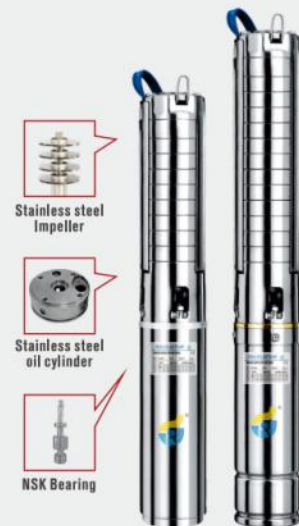


4RDC7.5-110-110-1500  
4RDC11.5-100-110-1500  
4RDC15.5-65-110-1500  
4RDC20-38-110-1500

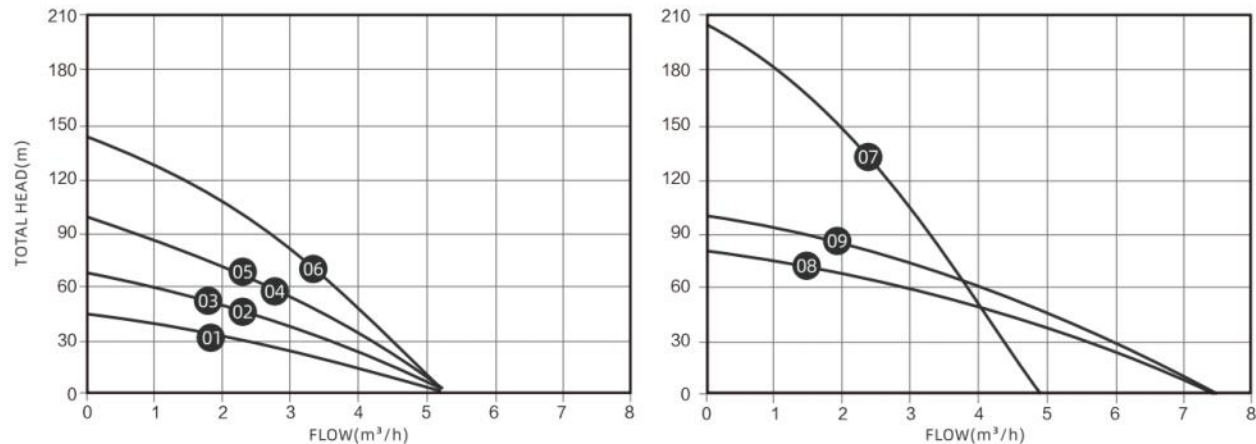




**RIDA SOLAR PUMP**



**HYDRAULIC PERFORMANCE CURVES**



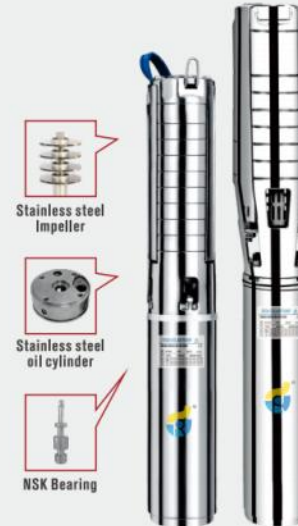
**ACCESSORIES**



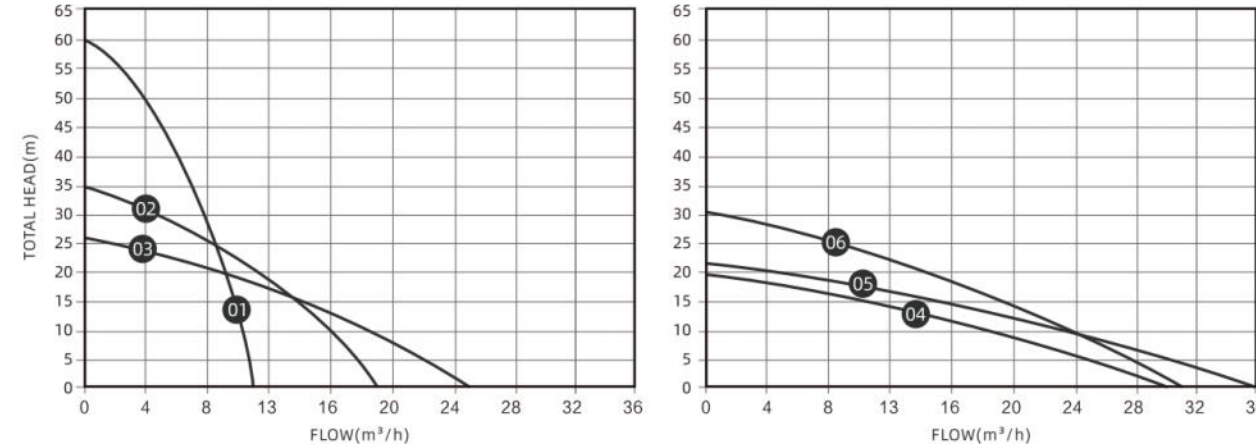
**TECHNICAL DATA**

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDSS5.2-45-48-500	48V	60V-90V	500W	5.2m³/h	45m	1.25"	2m	<100V	≥1.3*PUMP POWER
02	4RDSS5.2-67-48-750	48V	60V-90V	750W	5.2m³/h	67m	1.25"	2m	<100V	≥1.3*PUMP POWER
03	4RDSS5.2-67-72-750	72V	90V-120V	750W	5.2m³/h	67m	1.25"	2m	<150V	≥1.3*PUMP POWER
04	4RDSS5.2-101-72-1100	72V	90V-120V	1100W	5.2m³/h	101m	1.25"	2m	<150V	≥1.3*PUMP POWER
05	4RDSS5.2-101-110-1100	110V	110V-150V	1100W	5.2m³/h	101m	1.25"	2m	<200V	≥1.3*PUMP POWER
06	4RDSS5.2-146-110-1300	110V	110V-150V	1300W	5.2m³/h	146m	1.25"	2m	<200V	≥1.3*PUMP POWER
07	4RDSS4.8-203-110-1500	110V	110V-150V	1500W	4.8m³/h	203m	1.25"	2m	<200V	≥1.3*PUMP POWER
08	4RDSS7.5-80-110-1300	110V	110V-150V	1300W	7.5m³/h	80m	1.25"	2m	<200V	≥1.3*PUMP POWER
09	4RDSS7.5-100-110-1500	110V	110V-150V	1500W	7.5m³/h	100m	1.25"	2m	<200V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**



**HYDRAULIC PERFORMANCE CURVES**



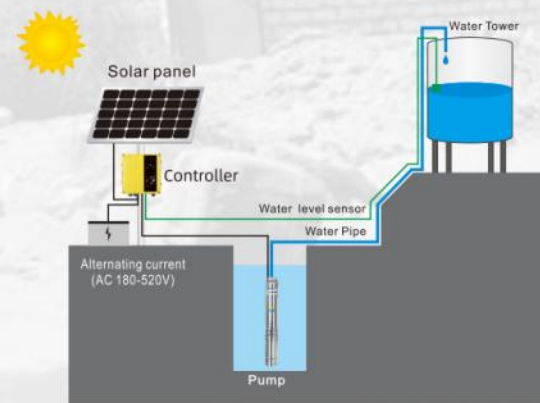
**ACCESSORIES**



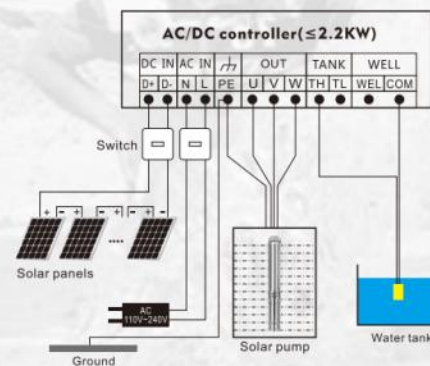
**TECHNICAL DATA**

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDSS11-60-110-1500	110V	110V-150V	1500W	11m³/h	60m	2"	2m	<200V	≥1.3*PUMP POWER
02	4RDSS19-35-110-1500	110V	110V-150V	1500W	19m³/h	35m	2"	2m	<200V	≥1.3*PUMP POWER
03	4RDSS25-26-110-1500	110V	110V-150V	1500W	25m³/h	26m	2"	2m	<200V	≥1.3*PUMP POWER
04	4/6RDSS30-19-72-1100	72V	90V-120V	1100W	30m³/h	19m	3"	2m	<200V	≥1.3*PUMP POWER
05	4/6RDSS36-22-110-1500	110V	110V-150V	1500W	36m³/h	22m	3"	2m	<200V	≥1.3*PUMP POWER
06	4/6RDSS30-31-110-1500	110V	110V-150V	1500W	30m³/h	31m	3"	2m	<200V	≥1.3*PUMP POWER

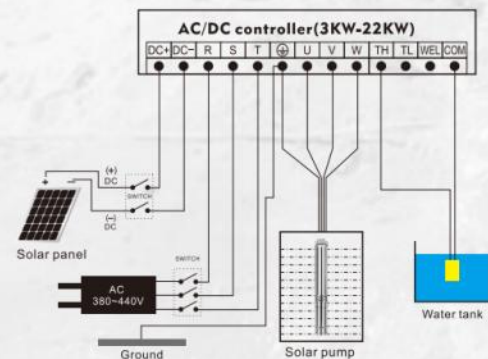
# AC/DC HYBRID & WIDE VOLTAGE SUBMERSIBLE PUMP



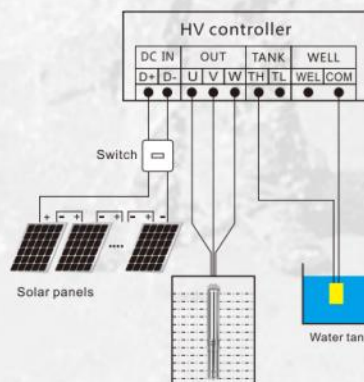
AC/DC EXTERNAL CONTROLLER TYPE



AC:85-280V  
DC:80-400V



AC:330-520V  
DC:220-780V



DC:80-400V



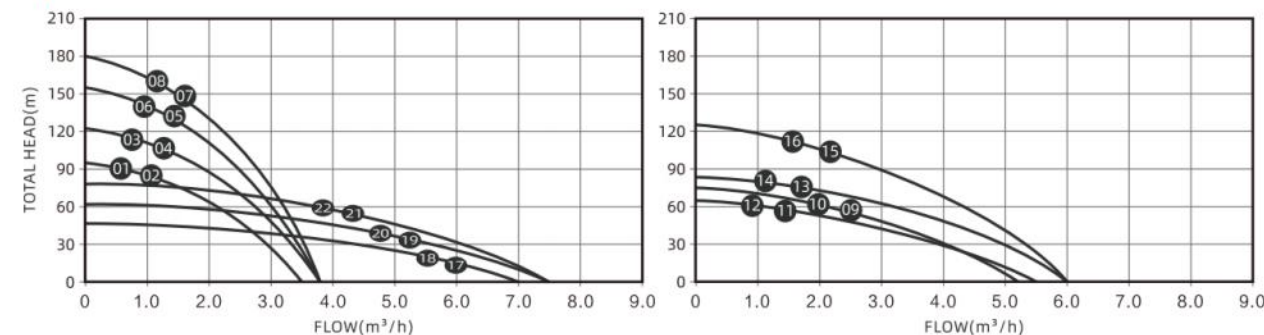
## 3RDC-A/D | 3RDC-HV 3" AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

### RIDA SOLAR PUMP



AC/DC controller HV controller

### HYDRAULIC PERFORMANCE CURVES



### ACCESSORIES

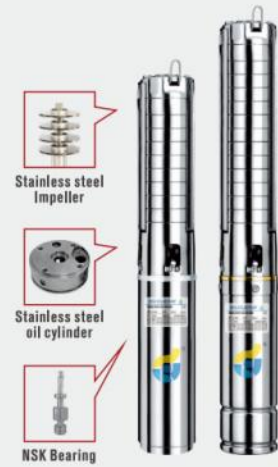


### TECHNICAL DATA

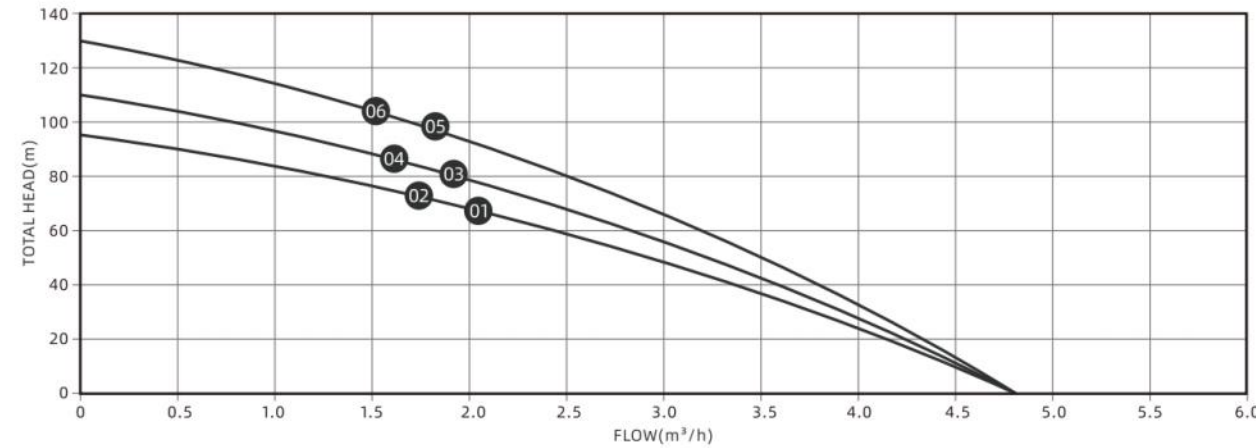
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RDC3.5-95-110-750-A/D	85V-280V	80V-400V	750W	3.5m³/h	95m	1.25"	2m	<400V	≥1.3*PUMP POWER
02	3RDC3.5-95-110-750-HV	/	80V-400V	750W	3.5m³/h	95m	1.25"	2m	<400V	≥1.3*PUMP POWER
03	3RDC3.8-123-150-1100-A/D	85V-280V	80V-400V	1100W	3.8m³/h	123m	1.25"	2m	<400V	≥1.3*PUMP POWER
04	3RDC3.8-123-150-1100-HV	/	80V-400V	1100W	3.8m³/h	123m	1.25"	2m	<400V	≥1.3*PUMP POWER
05	3RDC3.8-155-150-1300-A/D	85V-280V	80V-400V	1300W	3.8m³/h	155m	1.25"	2m	<400V	≥1.3*PUMP POWER
06	3RDC3.8-155-150-1300-HV	/	80V-400V	1300W	3.8m³/h	155m	1.25"	2m	<400V	≥1.3*PUMP POWER
07	3RDC3.8-180-200-1500-A/D	85V-280V	80V-400V	1500W	3.8m³/h	180m	1.25"	2m	<400V	≥1.3*PUMP POWER
08	3RDC3.8-180-200-1500-HV	/	80V-400V	1500W	3.8m³/h	180m	1.25"	2m	<400V	≥1.3*PUMP POWER
09	3RDC5.2-75-110-750-A/D	85V-280V	80V-400V	750W	5.2m³/h	75m	1.5"	2m	<400V	≥1.3*PUMP POWER
10	3RDC5.2-75-110-750-HV	/	80V-400V	750W	5.2m³/h	75m	1.5"	2m	<400V	≥1.3*PUMP POWER
11	3RDC5.5-65-110-750-A/D	85V-280V	80V-400V	750W	5.5m³/h	65m	1.5"	2m	<400V	≥1.3*PUMP POWER
12	3RDC5.5-65-110-750-HV	/	80V-400V	750W	5.5m³/h	65m	1.5"	2m	<400V	≥1.3*PUMP POWER
13	3RDC6-84-150-1100-A/D	85V-280V	80V-400V	1100W	6m³/h	84m	1.5"	2m	<400V	≥1.3*PUMP POWER
14	3RDC6-84-150-1100-HV	/	80V-400V	1100W	6m³/h	84m	1.5"	2m	<400V	≥1.3*PUMP POWER
15	3RDC6-125-200-1500-A/D	85V-280V	80V-400V	1500W	6m³/h	125m	1.5"	2m	<400V	≥1.3*PUMP POWER
16	3RDC6-125-200-1500-HV	/	80V-400V	1500W	6m³/h	125m	1.5"	2m	<400V	≥1.3*PUMP POWER
17	3RDC7-46-110-750-A/D	85V-280V	80V-400V	750W	7m³/h	46m	1.5"	2m	<400V	≥1.3*PUMP POWER
18	3RDC7-46-110-750-HV	/	80V-400V	750W	7m³/h	46m	1.5"	2m	<400V	≥1.3*PUMP POWER
19	3RDC7.5-62-150-1100-A/D	85V-280V	80V-400V	1100W	7.5m³/h	62m	1.5"	2m	<400V	≥1.3*PUMP POWER
20	3RDC7.5-62-150-1100-HV	/	80V-400V	1100W	7.5m³/h	62m	1.5"	2m	<400V	≥1.3*PUMP POWER
21	3RDC7.5-78-200-1500-A/D	85V-280V	80V-400V	1500W	7.5m³/h	78m	1.5"	2m	<400V	≥1.3*PUMP POWER
22	3RDC7.5-78-200-1500-HV	/	80V-400V	1500W	7.5m³/h	78m	1.5"	2m	<400V	≥1.3*PUMP POWER

## 3RDSS-A/D | 3RDSS-HV 3" AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR PUMP WITH S/S IMPELLER

### RIDA SOLAR PUMP



#### HYDRAULIC PERFORMANCE CURVES



#### ACCESSORIES



#### TECHNICAL DATA

NO.	ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RDSS4.8-95-110-750-A/D	85V-280V	/	750W	4.8m³/h	95m	1.25"	2m	<400V	≥1.3*PUMP POWER
02	3RDSS4.8-95-110-750-HV	/	80V-400V	750W	4.8m³/h	95m	1.25"	2m	<400V	≥1.3*PUMP POWER
03	3RDSS4.8-110-150-1100-A/D	85V-280V	/	1100W	4.8m³/h	110m	1.25"	2m	<400V	≥1.3*PUMP POWER
04	3RDSS4.8-110-150-1100-HV	/	80V-400V	1100W	4.8m³/h	110m	1.25"	2m	<400V	≥1.3*PUMP POWER
05	3RDSS4.8-130-200-1500-A/D	85V-280V	/	1500W	4.8m³/h	130m	1.25"	2m	<400V	≥1.3*PUMP POWER
06	3RDSS4.8-130-200-1500-HV	/	80V-400V	1500W	4.8m³/h	130m	1.25"	2m	<400V	≥1.3*PUMP POWER



AC/DC controller  
HV controller

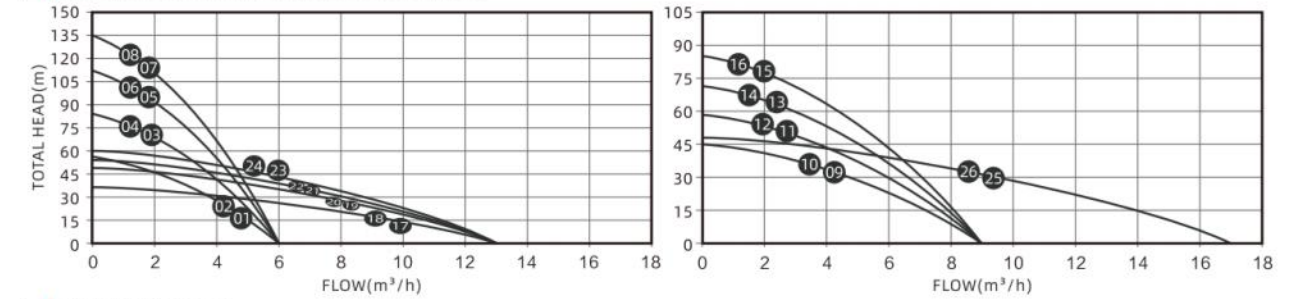
## 4RDC-A/D | 4RDC-HV 4" AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

### RIDA SOLAR PUMP



AC/DC controller  
HV controller

#### HYDRAULIC PERFORMANCE CURVES



#### ACCESSORIES



#### TECHNICAL DATA

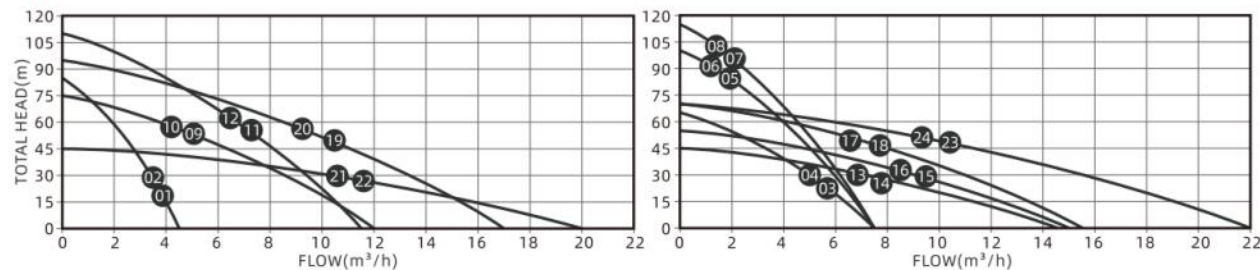
NO.	ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDC6-56-110-750-A/D	85V-280V	/	750W	6m³/h	56m	1.25"	2m	<400V	≥1.3*PUMP POWER
02	4RDC6-56-110-750-HV	/	80V-400V	750W	6m³/h	56m	1.25"	2m	<400V	≥1.3*PUMP POWER
03	4RDC6-84-150-1100-A/D	85V-280V	/	1100W	6m³/h	84m	1.25"	2m	<400V	≥1.3*PUMP POWER
04	4RDC6-84-150-1100-HV	/	80V-400V	1100W	6m³/h	84m	1.25"	2m	<400V	≥1.3*PUMP POWER
05	4RDC6-112-150-1300-A/D	85V-280V	/	1300W	6m³/h	112m	1.25"	2m	<400V	≥1.3*PUMP POWER
06	4RDC6-112-150-1300-HV	/	80V-400V	1300W	6m³/h	112m	1.25"	2m	<400V	≥1.3*PUMP POWER
07	4RDC6-135-200-1500-A/D	85V-280V	/	1500W	6m³/h	135m	1.25"	2m	<400V	≥1.3*PUMP POWER
08	4RDC6-135-200-1500-HV	/	80V-400V	1500W	6m³/h	135m	1.25"	2m	<400V	≥1.3*PUMP POWER
09	4RDC9-45-110-750-A/D	85V-280V	/	750W	9m³/h	45m	2"	2m	<400V	≥1.3*PUMP POWER
10	4RDC9-45-110-750-HV	/	80V-400V	750W	9m³/h	45m	2"	2m	<400V	≥1.3*PUMP POWER
11	4RDC9-58-150-1100-A/D	85V-280V	/	1100W	9m³/h	58m	2"	2m	<400V	≥1.3*PUMP POWER
12	4RDC9-58-150-1100-HV	/	80V-400V	1100W	9m³/h	58m	2"	2m	<400V	≥1.3*PUMP POWER
13	4RDC9-71-150-1300-A/D	85V-280V	/	1300W	9m³/h	71m	2"	2m	<400V	≥1.3*PUMP POWER
14	4RDC9-71-150-1300-HV	/	80V-400V	1300W	9m³/h	71m	2"	2m	<400V	≥1.3*PUMP POWER
15	4RDC9-85-200-1500-A/D	85V-280V	/	1500W	9m³/h	85m	2"	2m	<400V	≥1.3*PUMP POWER
16	4RDC9-85-200-1500-HV	/	80V-400V	1500W	9m³/h	85m	2"	2m	<400V	≥1.3*PUMP POWER
17	4RDC13-36-110-750-A/D	85V-280V	/	750W	13m³/h	36m	2"	2m	<400V	≥1.3*PUMP POWER
18	4RDC13-36-110-750-HV	/	80V-400V	750W	13m³/h	36m	2"	2m	<400V	≥1.3*PUMP POWER
19	4RDC13-49-150-1100-A/D	85V-280V	/	1100W	13m³/h	49m	2"	2m	<400V	≥1.3*PUMP POWER
20	4RDC13-49-150-1100-HV	/	80V-400V	1100W	13m³/h	49m	2"	2m	<400V	≥1.3*PUMP POWER
21	4RDC13-54-150-1300-A/D	85V-280V	/	1300W	13m³/h	54m	2"	2m	<400V	≥1.3*PUMP POWER
22	4RDC13-54-150-1300-HV	/	80V-400V	1300W	13m³/h	54m	2"	2m	<400V	≥1.3*PUMP POWER
23	4RDC13-60-200-1500-A/D	85V-280V	/	1500W	13m³/h	60m	2"	2m	<400V	≥1.3*PUMP POWER
24	4RDC13-60-200-1500-HV	/	80V-400V	1500W	13m³/h	60m	2"	2m	<400V	≥1.3*PUMP POWER
25	4RDC17-48-200-1500-A/D	85V-280V	/	1500W	17m³/h	48m	2"	2m	<400V	≥1.3*PUMP POWER
26	4RDC17-48-200-1500-HV	/	80V-400V	1500W	17m³/h	48m	2"	2m	<400V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**

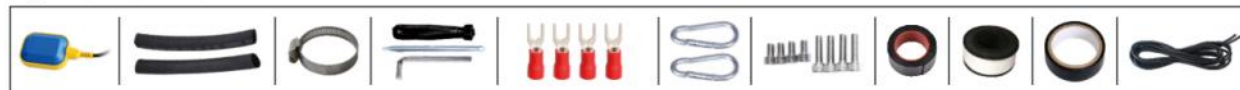


AC/DC controller  
HV controller

**HYDRAULIC PERFORMANCE CURVES**



**ACCESSORIES**



**TECHNICAL DATA**

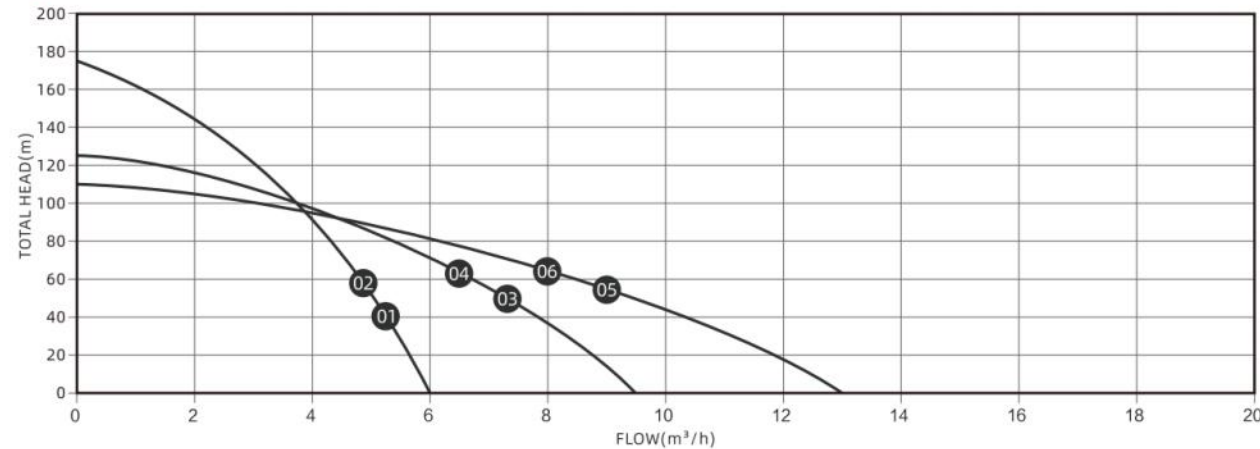
NO.	ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDC4.5-85-110-750-A/D	85V-280V	/	750W	4.5m³/h	85m	1.25"	2m	<400V	≥1.3*PUMP POWER
02	4RDC4.5-85-110-750-HV	/	80V-400V	750W	4.5m³/h	85m	1.25"	2m	<400V	≥1.3*PUMP POWER
03	4RDC7.5-65-110-750-A/D	85V-280V	/	750W	7.5m³/h	65m	2"	2m	<400V	≥1.3*PUMP POWER
04	4RDC7.5-65-110-750-HV	/	80V-400V	750W	7.5m³/h	65m	2"	2m	<400V	≥1.3*PUMP POWER
05	4RDC7.5-100-150-1100-A/D	85V-280V	/	1100W	7.5m³/h	100m	2"	2m	<400V	≥1.3*PUMP POWER
06	4RDC7.5-100-150-1100-HV	/	80V-400V	1100W	7.5m³/h	100m	2"	2m	<400V	≥1.3*PUMP POWER
07	4RDC7.5-110-200-1500-A/D	85V-280V	/	1500W	7.5m³/h	110m	2"	2m	<400V	≥1.3*PUMP POWER
08	4RDC7.5-110-200-1500-HV	/	80V-400V	1500W	7.5m³/h	110m	2"	2m	<400V	≥1.3*PUMP POWER
09	4RDC12-75-150-1100-A/D	85V-280V	/	1100W	12m³/h	75m	2"	2m	<400V	≥1.3*PUMP POWER
10	4RDC12-75-150-1100-HV	/	80V-400V	1100W	12m³/h	75m	2"	2m	<400V	≥1.3*PUMP POWER
11	4RDC11.5-100-200-1500-A/D	85V-280V	/	1500W	11.5m³/h	100m	2"	2m	<400V	≥1.3*PUMP POWER
12	4RDC11.5-100-200-1500-HV	/	80V-400V	1500W	11.5m³/h	100m	2"	2m	<400V	≥1.3*PUMP POWER
13	4RDC14.5-45-110-750-A/D	85V-280V	/	750W	14.5m³/h	45m	2"	2m	<400V	≥1.3*PUMP POWER
14	4RDC14.5-45-110-750-HV	/	80V-400V	750W	14.5m³/h	45m	2"	2m	<400V	≥1.3*PUMP POWER
15	4RDC15-55-150-1100-A/D	85V-280V	/	1100W	15m³/h	55m	2"	2m	<400V	≥1.3*PUMP POWER
16	4RDC15-55-150-1100-HV	/	80V-400V	1100W	15m³/h	55m	2"	2m	<400V	≥1.3*PUMP POWER
17	4RDC15.5-70-200-1500-A/D	85V-280V	/	1500W	15.5m³/h	70m	2"	2m	<400V	≥1.3*PUMP POWER
18	4RDC15.5-70-200-1500-HV	/	80V-400V	1500W	15.5m³/h	70m	2"	2m	<400V	≥1.3*PUMP POWER
19	4RDC17-95-300-2200-A/D	85V-280V	/	2200W	17m³/h	95m	2"	2m	<400V	≥1.3*PUMP POWER
20	4RDC17-95-300-2200-HV	/	80V-400V	2200W	17m³/h	95m	2"	2m	<400V	≥1.3*PUMP POWER
21	4RDC20-45-200-1500-A/D	85V-280V	/	1500W	20m³/h	45m	2"	2m	<400V	≥1.3*PUMP POWER
22	4RDC20-45-200-1500-HV	/	80V-400V	1500W	20m³/h	45m	2"	2m	<400V	≥1.3*PUMP POWER
23	4RDC22-70-300-2200-A/D	85V-280V	/	2200W	22m³/h	70m	2"	2m	<400V	≥1.3*PUMP POWER
24	4RDC22-70-300-2200-HV	/	80V-400V	2200W	22m³/h	70m	2"	2m	<400V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**



AC/DC controller  
HV controller

**HYDRAULIC PERFORMANCE CURVES**



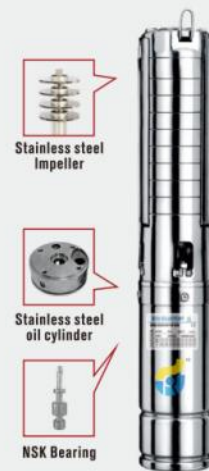
**ACCESSORIES**



**TECHNICAL DATA**

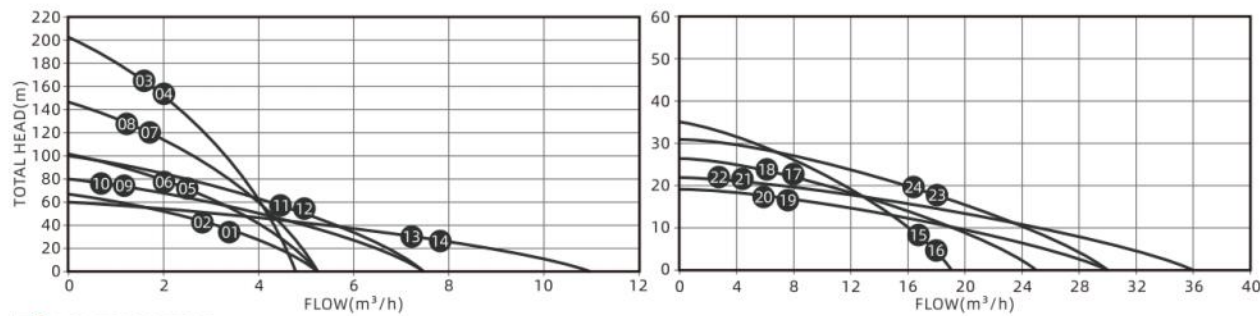
NO.	ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDC6-175-300-2200-A/D	85V-280V	/	2200W	6m³/h	175m	1.25"	2m	<400V	≥1.3*PUMP POWER
02	4RDC6-175-300-2200-HV	/	80V-400V	2200W	6m³/h	175m	1.25"	2m	<400V	≥1.3*PUMP POWER
03	4RDC9.5-125-300-2200-A/D	85V-280V	/	2200W	9.5m³/h	125m	2"	2m	<400V	≥1.3*PUMP POWER
04	4RDC9.5-125-300-2200-HV	/	80V-400V	2200W	9.5m³/h	125m	2"	2m	<400V	≥1.3*PUMP POWER
05	4RDC13-110-300-2200-A/D	85V-280V	/	2200W	13m³/h	110m	2"	2m	<400V	≥1.3*PUMP POWER
06	4RDC13-110-300-2200-HV	/	80V-400V	2200W	13m³/h	110m	2"	2m	<400V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**



AC/DC controller  
HV controller

**HYDRAULIC PERFORMANCE CURVES**



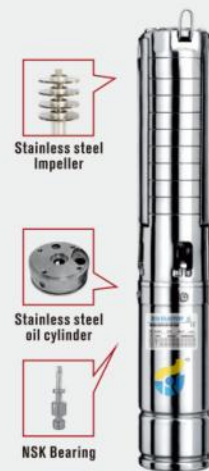
**ACCESSORIES**



**TECHNICAL DATA**

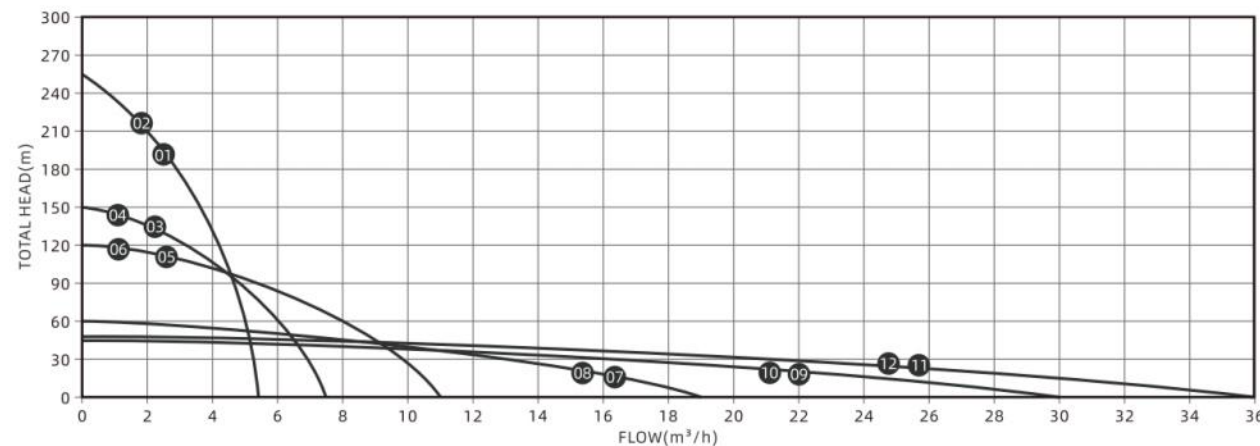
NO.	ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDSS5.2-67-110-750-A/D	85V-280V	80V-400V	750W	5.2m³/h	67m	1.25"	2m	<400V	≥1.3*PUMP POWER
02	4RDSS5.2-67-110-750-HV	/	80V-400V	1500W	4.8m³/h	203m	1.25"	2m	<400V	≥1.3*PUMP POWER
03	4RDSS4.8-203-200-1500-A/D	85V-280V	80V-400V	1500W	4.8m³/h	203m	1.25"	2m	<400V	≥1.3*PUMP POWER
04	4RDSS4.8-203-200-1500-HV	/	80V-400V	1500W	4.8m³/h	203m	1.25"	2m	<400V	≥1.3*PUMP POWER
05	4RDSS5.2-101-150-1100-A/D	85V-280V	80V-400V	1100W	5.2m³/h	101m	1.25"	2m	<400V	≥1.3*PUMP POWER
06	4RDSS5.2-101-150-1100-HV	/	80V-400V	1100W	5.2m³/h	101m	1.25"	2m	<400V	≥1.3*PUMP POWER
07	4RDSS5.2-146-200-1300-A/D	85V-280V	80V-400V	1300W	5.2m³/h	146m	1.25"	2m	<400V	≥1.3*PUMP POWER
08	4RDSS5.2-146-200-1300-HV	/	80V-400V	1300W	5.2m³/h	146m	1.25"	2m	<400V	≥1.3*PUMP POWER
09	4RDSS7.5-80-150-1300-A/D	85V-280V	80V-400V	1300W	7.5m³/h	80m	1.25"	2m	<400V	≥1.3*PUMP POWER
10	4RDSS7.5-80-150-1300-HV	/	80V-400V	1300W	7.5m³/h	80m	1.25"	2m	<400V	≥1.3*PUMP POWER
11	4RDSS7.5-100-200-1500-A/D	85V-280V	80V-400V	1500W	7.5m³/h	100m	1.25"	2m	<400V	≥1.3*PUMP POWER
12	4RDSS7.5-100-200-1500-HV	/	80V-400V	1500W	7.5m³/h	100m	1.25"	2m	<400V	≥1.3*PUMP POWER
13	4RDSS11-60-200-1500-A/D	85V-280V	80V-400V	1500W	11m³/h	60m	2"	2m	<400V	≥1.3*PUMP POWER
14	4RDSS11-60-200-1500-HV	/	80V-400V	1500W	11m³/h	60m	2"	2m	<400V	≥1.3*PUMP POWER
15	4RDSS19-35-200-1500-A/D	85V-280V	80V-400V	1500W	19m³/h	35m	2"	2m	<400V	≥1.3*PUMP POWER
16	4RDSS19-35-200-1500-HV	/	80V-400V	1500W	19m³/h	35m	2"	2m	<400V	≥1.3*PUMP POWER
17	4RDSS25-26-200-1500-A/D	85V-280V	80V-400V	1500W	25m³/h	26m	2"	2m	<400V	≥1.3*PUMP POWER
18	4RDSS25-26-200-1500-HV	/	80V-400V	1500W	25m³/h	26m	2"	2m	<400V	≥1.3*PUMP POWER
19	4/6RDSS30-19-150-1100-A/D	85V-280V	80V-400V	1100W	30m³/h	19m	3"	2m	<400V	≥1.3*PUMP POWER
20	4/6RDSS30-19-150-1100-HV	/	80V-400V	1100W	30m³/h	19m	3"	2m	<400V	≥1.3*PUMP POWER
21	4/6RDSS36-22-200-1500-A/D	85V-280V	80V-400V	1500W	36m³/h	22m	3"	2m	<400V	≥1.3*PUMP POWER
22	4/6RDSS36-22-200-1500-HV	/	80V-400V	1500W	36m³/h	22m	3"	2m	<400V	≥1.3*PUMP POWER
23	4/6RDSS30-31-200-1500-A/D	85V-280V	80V-400V	1500W	30m³/h	31m	3"	2m	<400V	≥1.3*PUMP POWER
24	4/6RDSS30-31-200-1500-HV	/	80V-400V	1500W	30m³/h	31m	3"	2m	<400V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**



AC/DC controller  
HV controller

**HYDRAULIC PERFORMANCE CURVES**



**ACCESSORIES**



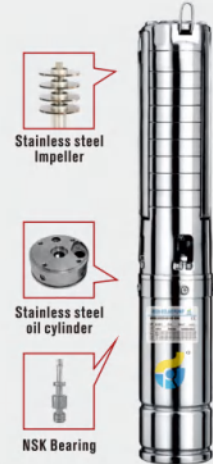
**TECHNICAL DATA**

NO.	ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDSS5.2-255-300-2200-A/D	85V-280V	80V-400V	2200W	5.2m³/h	255m	1.25"	2m	<400V	≥1.3*PUMP POWER
02	4RDSS5.2-255-300-2200-HV	/	80V-400V	2200W	5.2m³/h	255m	1.25"	2m	<400V	≥1.3*PUMP POWER
03	4RDSS7.5-150-300-2200-A/D	85V-280V	80V-400V	2200W	7.5m³/h	150m	1.25"	2m	<400V	≥1.3*PUMP POWER
04	4RDSS7.5-150-300-2200-HV	/	80V-400V	2200W	7.5m³/h	150m	1.25"	2m	<400V	≥1.3*PUMP POWER
05	4RDSS11-120-300-2200-A/D	85V-280V	80V-400V	2200W	11m³/h	120m	2"	2m	<400V	≥1.3*PUMP POWER
06	4RDSS11-120-300-2200-HV	/	80V-400V	2200W	11m³/h	120m	2"	2m	<400V	≥1.3*PUMP POWER
07	4RDSS19-60-300-2200-A/D	85V-280V	80V-400V	2200W	19m³/h	60m	2"	2m	<400V	≥1.3*PUMP POWER
08	4RDSS19-60-300-2200-HV	/	80V-400V	2200W	19m³/h	60m	2"	2m	<400V	≥1.3*PUMP POWER
09	4RDSS30-36-300-2200-A/D	85V-280V	80V-400V	2200W	30m³/h	36m	2"	2m	<400V	≥1.3*PUMP POWER
10	4RDSS30-36-300-2200-HV	/	80V-400V	2200W	30m³/h	36m	2"	2m	<400V	≥1.3*PUMP POWER
11	4/6RDSS36-38-300-2200-A/D	85V-280V	80V-400V	2200W	36m³/h	38m	3"	2m	<400V	≥1.3*PUMP POWER
12	4/6RDSS36-38-300-2200-HV	/	80V-400V	2200W	36m³/h	38m	3"	2m	<400V	≥1.3*PUMP POWER

# 4RDSS-A/D(3KW-7.5KW)

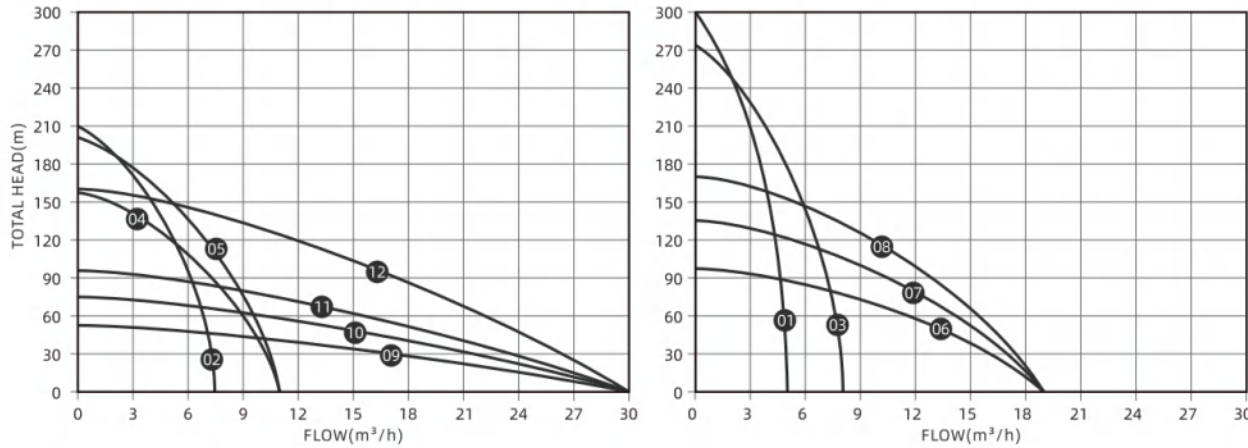
4" AC/DC & BRUSHLESS SOLARPUMP WITH S/S IMPELLER

## RIDA SOLAR PUMP

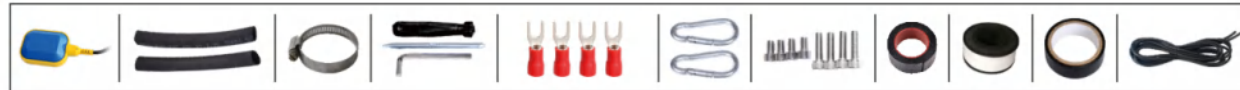


AC/DC controller

### HYDRAULIC PERFORMANCE CURVES



### ACCESSORIES



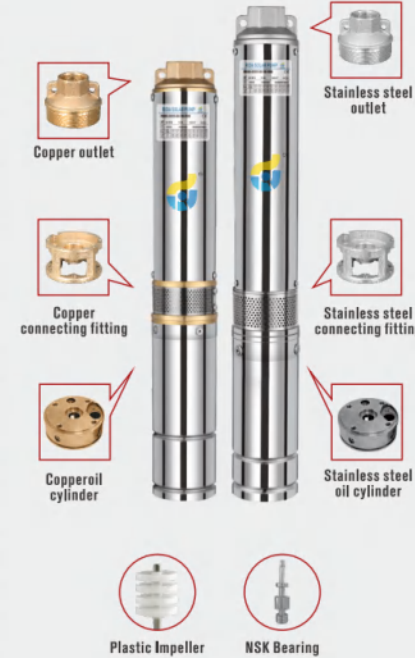
### TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDSS5.2-300-380/550-3000-A/D	AC380/DC550V	520V-650V	3000W	5.2m³/h	300m	1.25"	2m	<780V	≥1.3*PUMP POWER
02	4RDSS7.5-210-380/550-3000-AVD	AC380/DC550V	520V-650V	3000W	7.5m³/h	210m	1.25"	2m	<780V	≥1.3*PUMP POWER
03	4RDS58-272-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	8m³/h	272m	1.25"	2m	<780V	≥1.3*PUMP POWER
04	4RDSS11-157-380/550-3000-A/D	AC380/DC550V	520V-650V	3000W	11m³/h	157m	2"	2m	<780V	≥1.3*PUMP POWER
05	4RDSS11-200-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	11m³/h	200m	2"	2m	<780V	≥1.3*PUMP POWER
06	4RDS519-98-380/550-3000-A/D	AC380/DC550V	520V-650V	3000W	19m³/h	98m	2"	2m	<780V	≥1.3*PUMP POWER
07	4RDS519-135-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	19m³/h	135m	2"	2m	<780V	≥1.3*PUMP POWER
08	4RDS519-170-380/550-5500-A/D	AC380/DC550V	520V-650V	5500W	19m³/h	170m	2"	2m	<780V	≥1.3*PUMP POWER
09	4RDS530-52-380/550-3000-A/D	AC380/DC550V	520V-650V	3000W	30m³/h	52m	2"	2m	<780V	≥1.3*PUMP POWER
10	4RDS530-74-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	30m³/h	74m	2"	2m	<780V	≥1.3*PUMP POWER
11	4RDS530-96-380/550-5500-A/D	AC380/DC550V	520V-650V	5500W	30m³/h	96m	2"	2m	<780V	≥1.3*PUMP POWER
12	4RDS530-155-380/550-7500-A/D	AC380/DC550V	520V-650V	7500W	30m³/h	155m	2"	2m	<780V	≥1.3*PUMP POWER

# 4RDC-A/D (3KW-7.5KW)

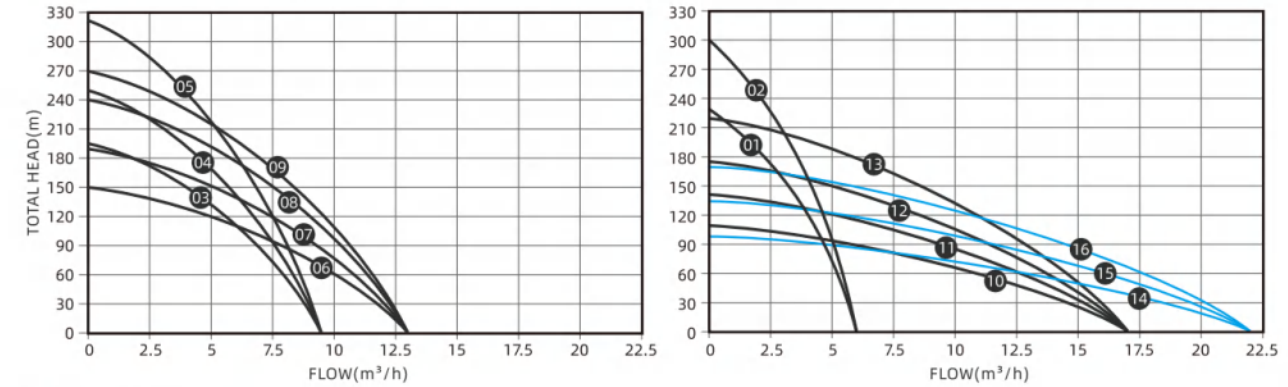
4" AC/DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

## RIDA SOLAR PUMP



AC/DC controller

### HYDRAULIC PERFORMANCE CURVES



### ACCESSORIES



### TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDC6-230-380/550-3000-A/D	AC380/DC550V	520V-650V	3000W	6m³/h	230m	1.25"	2m	<780V	≥1.3*PUMP POWER
02	4RDC6-300-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	6m³/h	300m	1.25"	2m	<780V	≥1.3*PUMP POWER
03	4RDC9.5-195-380/550-3000-A/D	AC380/DC550V	520V-650V	3000W	9.5m³/h	195m	2"	2m	<780V	≥1.3*PUMP POWER
04	4RDC9.5-250-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	9.5m³/h	250m	2"	2m	<780V	≥1.3*PUMP POWER
05	4RDC9.5-325-380/550-5500-A/D	AC380/DC550V	520V-650V	5500W	9.5m³/h	325m	2"	2m	<780V	≥1.3*PUMP POWER
06	4RDC13-150-380/550-3000-A/D	AC380/DC550V	520V-650V	3000W	13m³/h	150m	2"	2m	<780V	≥1.3*PUMP POWER
07	4RDC13-190-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	13m³/h	190m	2"	2m	<780V	≥1.3*PUMP POWER
08	4RDC13-240-380/550-5500-A/D	AC380/DC550V	520V-650V	5500W	13m³/h	240m	2"	2m	<780V	≥1.3*PUMP POWER
09	4RDC13-270-380/550-7500-A/D	AC380/DC550V	520V-650V	7500W	13m³/h	270m	2"	2m	<780V	≥1.3*PUMP POWER
10	4RDC17-110-380/550-3000-A/D	AC380/DC550V	520V-650V	3000W	17m³/h	110m	2"	2m	<780V	≥1.3*PUMP POWER
11	4RDC17-140-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	17m³/h	140m	2"	2m	<780V	≥1.3*PUMP POWER
12	4RDC17-175-380/550-5500-A/D	AC380/DC550V	520V-650V	5500W	17m³/h	175m	2"	2m	<780V	≥1.3*PUMP POWER
13	4RDC17-220-380/550-7500-A/D	AC380/DC550V	520V-650V	7500W	17m³/h	220m	2"	2m	<780V	≥1.3*PUMP POWER
14	4RDC22-98-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	22m³/h	98m	2"	2m	<780V	≥1.3*PUMP POWER
15	4RDC22-135-380/550-5500-A/D	AC380/DC550V	520V-650V	5500W	22m³/h	135m	2"	2m	<780V	≥1.3*PUMP POWER
16	4RDC22-170-380/550-7500-A/D	AC380/DC550V	520V-650V	7500W	22m³/h	170m	2"	2m	<780V	≥1.3*PUMP POWER

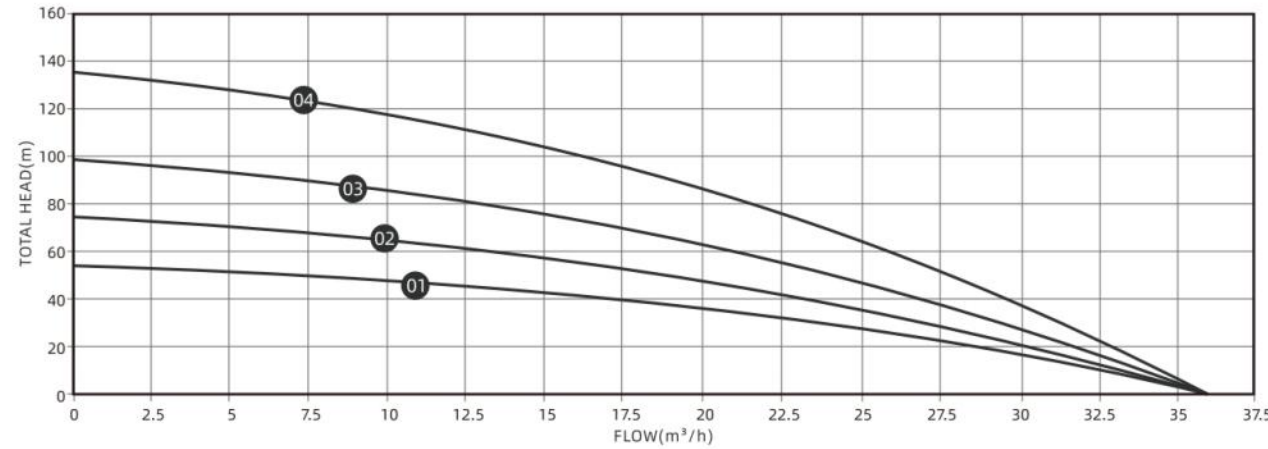
## 4/6RDSS-A/D 6" AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER

### RIDA SOLAR PUMP



AC/DC controller

#### HYDRAULIC PERFORMANCE CURVES



#### ACCESSORIES



#### TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4/6RDSS36-56-380/550-3000-A/D	AC380/DC550V	520V-650V	3000W	36m³/h	56m	3"	2m	<780V	≥1.3*PUMP POWER
02	4/6RDSS36-75-380/550-4000-A/D	AC380/DC550V	520V-650V	4000W	36m³/h	75m	3"	2m	<780V	≥1.3*PUMP POWER
03	4/6RDSS36-98-380/550-5500-A/D	AC380/DC550V	520V-650V	5500W	36m³/h	98m	3"	2m	<780V	≥1.3*PUMP POWER
04	4/6RDSS36-135-380/550-7500-A/D	AC380/DC550V	520V-650V	7500W	36m³/h	135m	3"	2m	<780V	≥1.3*PUMP POWER

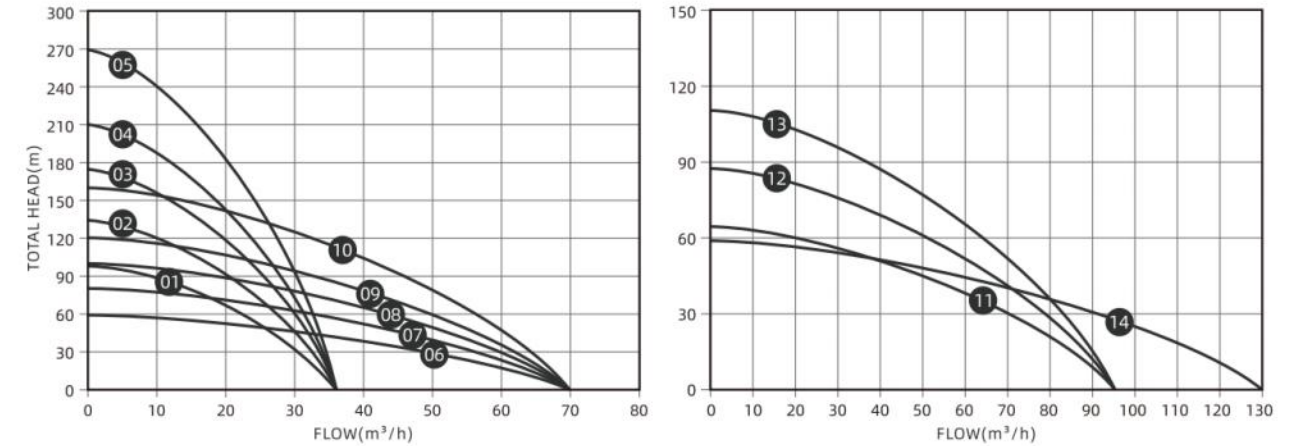
## 6RDSS-A/D 6" AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER

### RIDA SOLAR PUMP



AC/DC controller

#### HYDRAULIC PERFORMANCE CURVES



#### ACCESSORIES



#### TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	6RDSS36-98-380/550-5500-A/D	AC380/DC550V	520V-650V	5500W	36m³/h	98m	3"	2m	<780V	≥1.3*PUMP POWER
02	6RDSS36-135-380/550-7500-A/D	AC380/DC550V	520V-650V	7500W	36m³/h	135m	3"	2m	<780V	≥1.3*PUMP POWER
03	6RDSS36-175-380/550-9200-A/D	AC380/DC550V	520V-650V	9200W	36m³/h	175m	3"	2m	<780V	≥1.3*PUMP POWER
04	6RDSS36-210-380/550-11000-A/D	AC380/DC550V	520V-650V	11000W	36m³/h	210m	3"	2m	<780V	≥1.3*PUMP POWER
05	6RDSS36-270-380/550-15000-A/D	AC380/DC550V	520V-650V	15000W	36m³/h	270m	3"	2m	<780V	≥1.3*PUMP POWER
06	6RDSS70-60-380/550-5500-A/D	AC380/DC550V	520V-650V	5500W	70m³/h	60m	4"	2m	<780V	≥1.3*PUMP POWER
07	6RDSS70-80-380/550-7500-A/D	AC380/DC550V	520V-650V	7500W	70m³/h	80m	4"	2m	<780V	≥1.3*PUMP POWER
08	6RDSS70-100-380/550-9200-A/D	AC380/DC550V	520V-650V	9200W	70m³/h	100m	4"	2m	<780V	≥1.3*PUMP POWER
09	6RDSS70-120-380/550-11000-A/D	AC380/DC550V	520V-650V	11000W	70m³/h	120m	4"	2m	<780V	≥1.3*PUMP POWER
10	6RDSS70-160-380/550-15000-A/D	AC380/DC550V	520V-650V	15000W	70m³/h	160m	4"	2m	<780V	≥1.3*PUMP POWER
11	6RDSS95-66-380/550-7500-A/D	AC380/DC550V	520V-650V	7500W	95m³/h	66m	4"	2m	<780V	≥1.3*PUMP POWER
12	6RDSS95-88-380/550-11000-A/D	AC380/DC550V	520V-650V	11000W	95m³/h	88m	4"	2m	<780V	≥1.3*PUMP POWER
13	6RDSS95-110-380/550-15000-A/D	AC380/DC550V	520V-650V	15000W	95m³/h	110m	4"	2m	<780V	≥1.3*PUMP POWER
14	6RDSS130-60-380/550-15000-A/D	AC380/DC550V	520V-650V	15000W	130m³/h	60m	4"	2m	<780V	≥1.3*PUMP POWER

# RIDA SOLAR PUMP

SOLAR WITH WATER, A BETTER FUTURE



All-copper motor

Efficient

Durable





# SOLAR SCREW PUMP

## SOLAR SCREW BRUSH PUMP

**APPLICATION SCENARIOS:**  
RIDA solar screw brush pump is one of our most competitive products. The reliable working principle allows the pump to work for a long time; the simple design of the structure allows easy maintenance, while the very cost-effective price makes this pump very popular in many countries. It is the best choice for your agricultural irrigation and daily water use.

## SOLAR IMPELLER BRUSH PUMP

**APPLICATION SCENARIOS:**  
RIDA solar impeller brush pumps use a stable, reliable and low-cost brushed design to achieve higher performance, higher stability and stronger performance than brushed screw pumps, which can be used for small-scale agricultural irrigation and small-scale household water, using solar DC or battery power supply without grid, more friendly to the environment.



SOLAR SCREW BRUSH PUMP

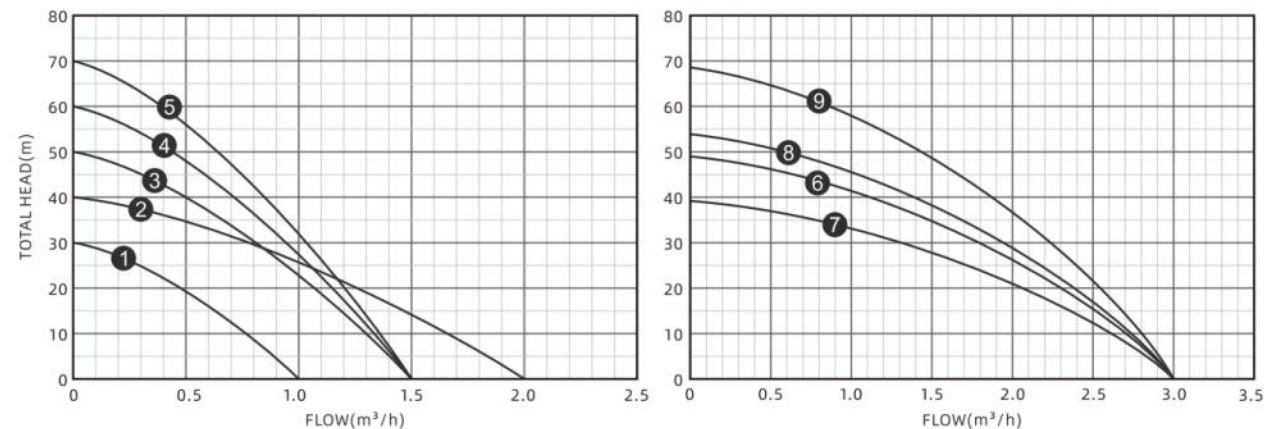
SOLAR IMPELLER BRUSH PUMP

# BDCS SOLAR SCREW BRUSH PUMP

## RIDA SOLAR PUMP



## HYDRAULIC PERFORMANCE CURVES



## ACCESSORIES

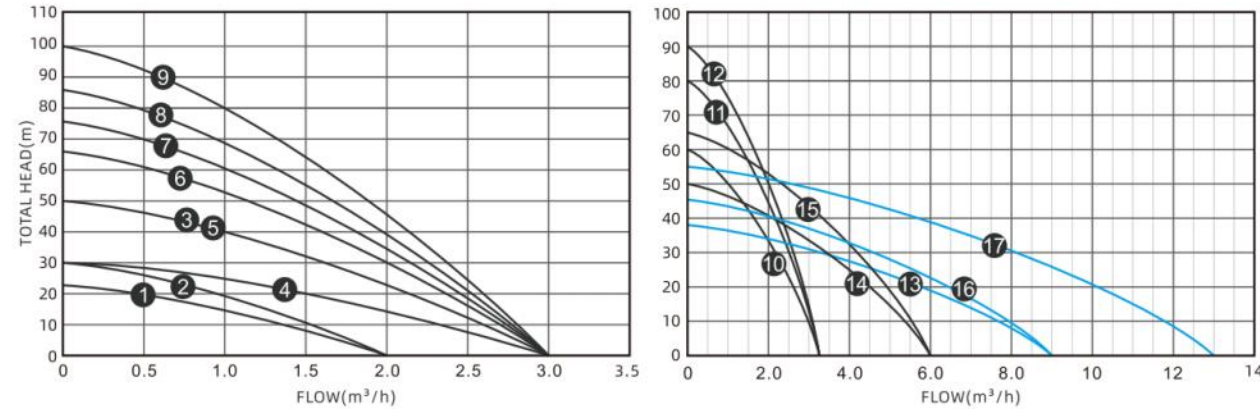


## TECHNICAL DATA

NO.	ITEM	Voltage	Power	Max. Flow	Max. Head	Outlet	Motor Size	Cable	Solar panel	
									Quantity (pcs)	Single Panel Power (w)
01	BDCS3S-12V-30	12V	150W	1m³/h	30m	1"	3"	20m	1	150
02	BDCS3B-12V-40	12V	250W	2m³/h	40m	1"	3"	10m	2	150
03	BDCS3S-24V-50	24V	250W	1.5m³/h	50m	1"	3"	20m	1	275
04	BDCS3S-30V-60	36V	300W	1.5m³/h	60m	1"	3"	20m	1	300
05	BDCS3S-48V-70	48V	400W	1.5m³/h	70m	1"	3"	20m	2	275
06	BDCS4S-24V-55	24V	400W	3m³/h	50m	1"	4"	20m	2	275
07	BDCS4S-36V-40	36V	300W	3m³/h	40m	1"	4"	20m	1	300
08	BDCS4S-48V-55	48V	400W	3m³/h	55m	1"	4"	20m	2	275
09	BDCS4S-72V-70	72V	600W	3m³/h	70m	1"	4"	20m	3	275

**RIDA SOLAR PUMP**


EASIER DIRECT SOLAR CONNECTION  
 TOP QUALITY 100% COPPER  
 USE LESS SOLAR PANELS  
 HIGHER LIFT  
 LARGER CAPACITY

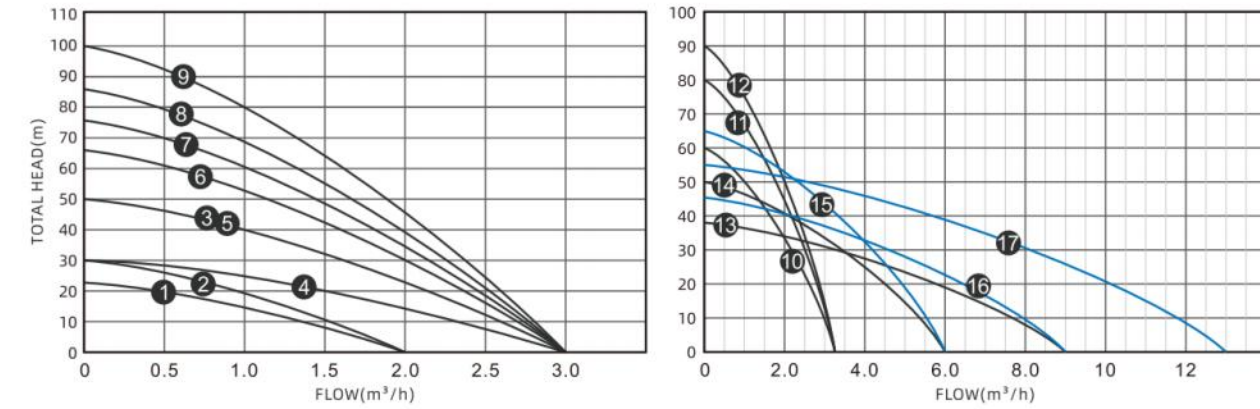
**HYDRAULIC PERFORMANCE CURVES**

**ACCESSORIES**

**TECHNICAL DATA**

NO.	ITEM	Voltage	Power	Max. Flow	Max. Head	Outlet	Motor Size	Cable	Solar panel	
									Quantity (pcs)	Single Panel Power (w)
01	RDDC3I-24V-25	24	250	2	22	1"	3"	10	2/1	150/250
02	RDDC3I-36V-30	36	300	2	30	1"	3"	10	1	300
03	RDDCBI24V-50	24	400	3	50	1"	3"	18	2	275
04	RDDCBI36V-30	36	300	3	30	1"	4	18	1	300
05	RDDCBI48V-50	48	400	3	50	1"	4	18	2	275
06	RDDCBI72V-65	72	600	3	65	1"	4	18	3	275
07	RDDCBI96V-75	96	700	3	75	1"	4	18	3	275
08	RDDCBI110V-85	110	900	3	85	1"	4	18	4	275
09	RDDCBI120V-100-1	120	1000	3	100	1"	4	18	4	275
10	RDDCBI48V-60-3.5-1	48	400	3.5	60	1	4	18	2	275
11	RDDCBI72V-80-3.5-1	72	600	3.5	80	1	4	18	3	275
12	RDDCBI96V-90-3.5-1	96	700	3.5	90	1	4	18	3	275
13	RDDCBI72V-9-38-2	72	750	9	38	2	4	18	3	275
14	RDDCCI120V-6-50-2	120	1000	6	50	2	4.5	18	4	275
15	RDDCCI130V-6-65-2	130	1000	6	65	2	4.5	18	4	275
16	RDDCCI120V-9-45-2	120	1000	9	45	2	4.5	18	4	275
17	RDDCCI130V-13-55-2	130	1000	13	55	2	4.5	18	4	275

**RIDA SOLAR PUMP**

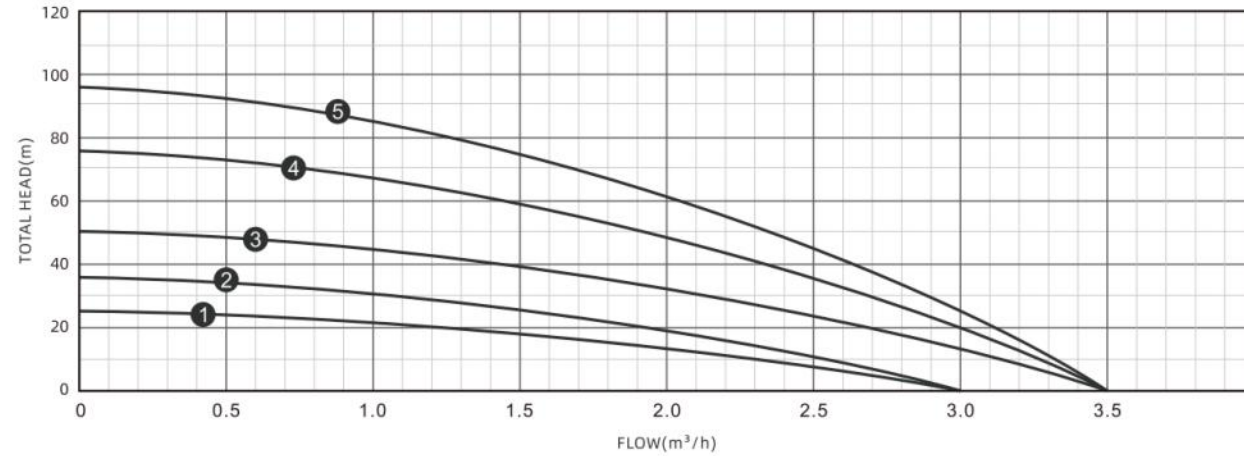

EASIER DIRECT SOLAR CONNECTION  
 TOP QUALITY 100% COPPER  
 USE LESS SOLAR PANELS  
 HIGHER LIFT  
 LARGER CAPACITY

**HYDRAULIC PERFORMANCE CURVES**

**ACCESSORIES**

**TECHNICAL DATA**

NO.	ITEM	Voltage	Power	Max. Flow	Max. Head	Outlet	Motor Size	Cable	Solar panel	
									Quantity (pcs)	Single Panel Power (w)
01	SSDC3I-24V-25	24	250	2	22	1	3	10	2/1	150/250
02	SSDC3I-36V-30	36	300	2	30	1	3	10	1	300
03	SSDCBI24V-50	24	400	3	50	1	3	18	2	275
04	SSDCBI36V-30	36	300	3	30	1	4	18	1	300
05	SSDCBI48V-50	48	400	3	50	1	4	18	2	275
06	SSDCBI72V-65	72	600	3	65	1	4	18	3	275
07	SSDCBI96V-75	96	700	3	75	1	4	18	3	275
08	SSDCBI110V-85	110	900	3	85	1	4	18	4	275
09	SSDCBI120-100-1	120	1000	3	100	1	4	18	4	275
10	SSDCBI48V-60-3.5-1	48	400	3.5	60	1	4	18	2	275
11	SSDCBI72V-80-3.5-1	72	600	3.5	80	1	4	18	3	275
12	SSDCBI96V-90-3.5-1	96	700	3.5	90	1	4	18	3	275
13	SSDCBI72V-9-38-2	72	750	9	38	1	4	18	3	275
14	SSDCCI120V-6-50-2	120	1000	6	50	2	4.5	18	4	275
15	SSDCCI130V-6-65-2	130	1000	6	65	2	4.5	18	4	275
16	SSDCCI120V-9-45-2	120	1000	9	45	2	4.5	18	4	275
17	SSDCCI130V-13-55-2	130	1000	13	55	2	4.5	18	4	275

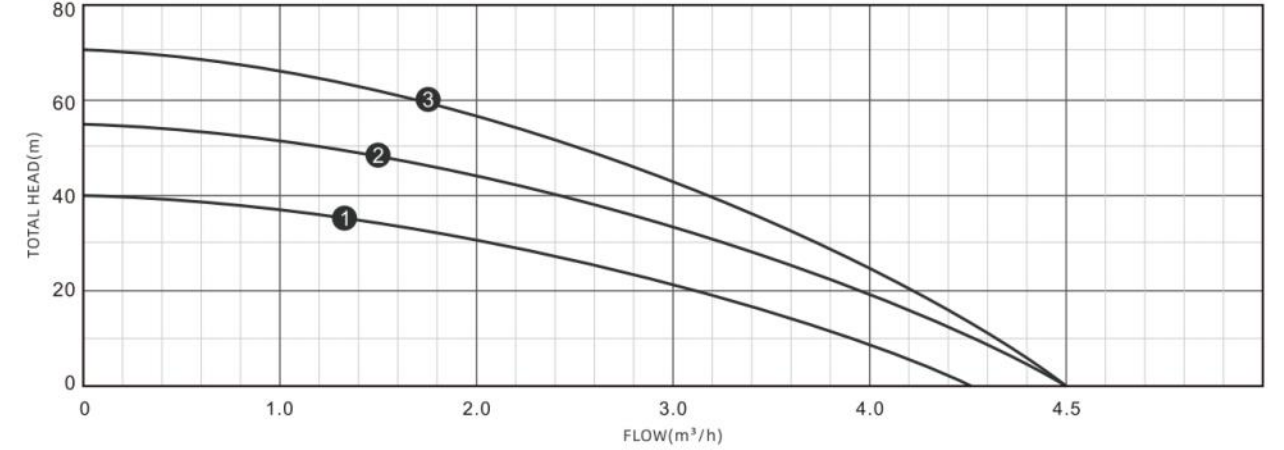
**RIDA SOLAR PUMP**

**HYDRAULIC PERFORMANCE CURVES**

**ACCESSORIES**

**TECHNICAL DATA**

NO.	ITEM	Voltage	Power	Max.Flow	Max.Head	Outlet	Cable (Copper wire)	Optimum input Voltage	Solar panel	
									Quantity (pcs)	Single Panel Power (w)
1	3EI3-25-24/250	24	250	3	25	1"	2m	24-36V	1	275
2	3EI3-35-36/300	36	300	3	35	1"	2m	24-36V	1	300
3	3EI3.5-50-48/400	48	400	3.5	50	1"	2m	48-72V	2	275
4	3EI3.5-75-72/600	72	600	3.5	75	1"	2m	72-108V	3	275
5	3EI3.5-95-110/900	110	900	3.5	95	1"	2m	96-146V	4	275

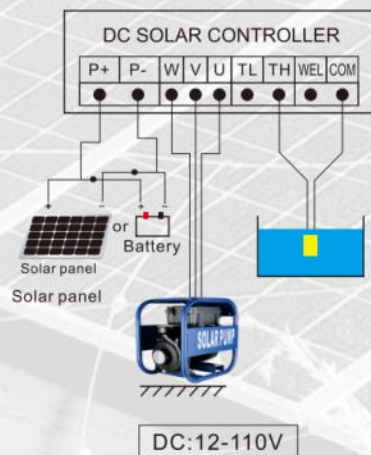
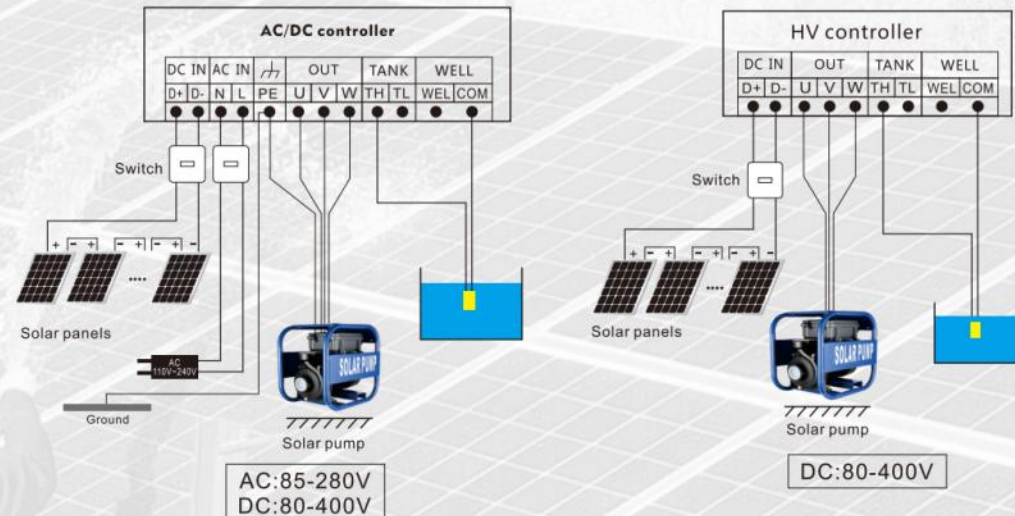
**RIDA SOLAR PUMP**

**HYDRAULIC PERFORMANCE CURVES**

**ACCESSORIES**

**TECHNICAL DATA**

NO.	ITEM	Voltage	Power	Max.Flow	Max.Head	Outlet	Cable (Copper wire)	Optimum input Voltage	Solar panel	
									Quantity (pcs)	Single Panel Power (w)
1	4EI4.5-40-48/400	48	400	4.5	40	1"	2m	48-72V	2	275
2	4EI5-55-72/600	72	600	5	55	1"	2m	72-108V	3	275
3	4EI5-95-110/900	110	900	5	70	1"	2m	96-146V	4	275

# SOLAR SURFACE PUMP



## RCPM | RCPM-A/D | RCPM-HV

DC & AC/DC & WIDE VOLTAGE BRUSHLESS CENTRIFUGAL SOLAR PUMP



### RIDA SOLAR PUMP

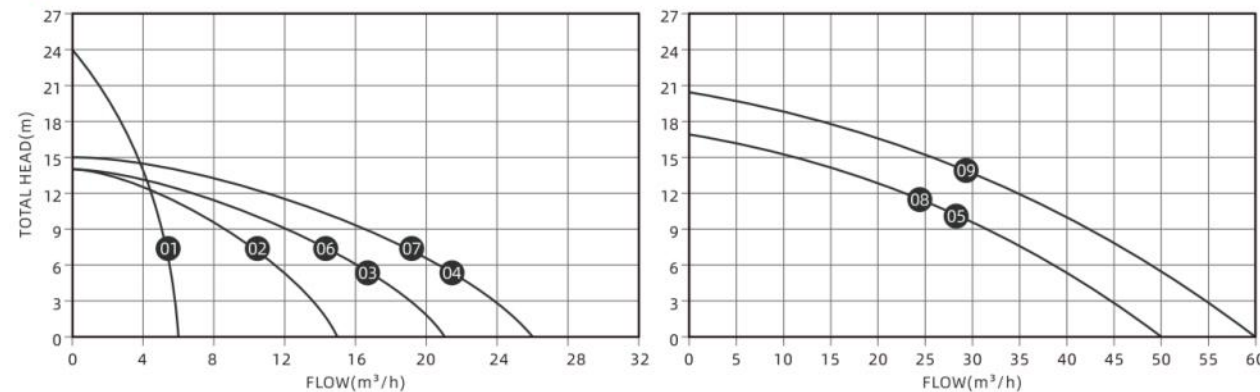


DC controller



AC/DC controller HV controller

### HYDRAULIC PERFORMANCE CURVES



### ACCESSORIES



### TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	RCPM6-24-48-550	48V	60V-90V	550W	6m³/h	24m	1"	0.6m	<100V	≥1.3*PUMP POWER
02	RCPM15-14-48-550	48V	60V-90V	550W	15m³/h	14m	1.5"	0.6m	<100V	≥1.3*PUMP POWER
03	RCPM21-14-72-750	72V	90V-120V	750W	21m³/h	14m	2"	0.6m	<150V	≥1.3*PUMP POWER
04	RCPM26-15-72-1100	72V	90V-120V	1100W	26m³/h	15m	2"	0.6m	<150V	≥1.3*PUMP POWER
05	RCPM50-17-110-1500	110V	110V-150V	1500W	50m³/h	17m	3"	0.6m	<200V	≥1.3*PUMP POWER

NO.	ITEM	(AC)Voltage	(DC)Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
06	RCPM21-14-72-750-A/D	85V-280V	80V-400V	750W	21m³/h	14m	2"	0.6m	<400V	≥1.3*PUMP POWER
07	RCPM26-15-72-1100-A/D	85V-280V	80V-400V	1100W	26m³/h	15m	2"	0.6m	<400V	≥1.3*PUMP POWER
08	RCPM50-17-110-1500-A/D RCPM50-17-110-1500-HV	85V-280V /	80V-400V	1500W	50m³/h	17m	3"	0.6m	<400V	≥1.3*PUMP POWER
09	RCPM60-20-300-2200-A/D RCPM60-20-300-2200-HV	85V-280V /	80V-400V	2200W	60m³/h	20m	4"	0.6m	<400V	≥1.3*PUMP POWER

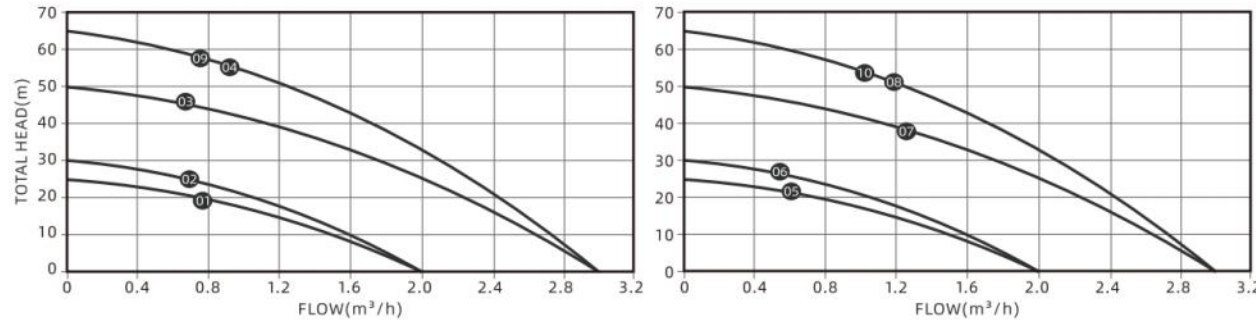
**RIDA SOLAR PUMP**

**RQB**

**RZB**


DC controller

 AC/DC controller  
 HV controller

**HYDRAULIC PERFORMANCE CURVES**

**ACCESSORIES**

**TECHNICAL DATA**

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	RQB2-25-24-210	24V	30V-48V	210W	2m³/h	25m	1"x1"	2m	<50V	≥1.3*PUMP POWER
02	RQB2-30-24-280	24V	30V-48V	280W	2m³/h	30m	1"x1"	2m	<50V	≥1.3*PUMP POWER
03	RQB3-50-48-550	48V	60V-90V	550W	3m³/h	50m	1"x1"	2m	<100V	≥1.3*PUMP POWER
04	RQB3-65-72-750	72V	90V-120V	750W	3m³/h	65m	1"x1"	2m	<150V	≥1.3*PUMP POWER

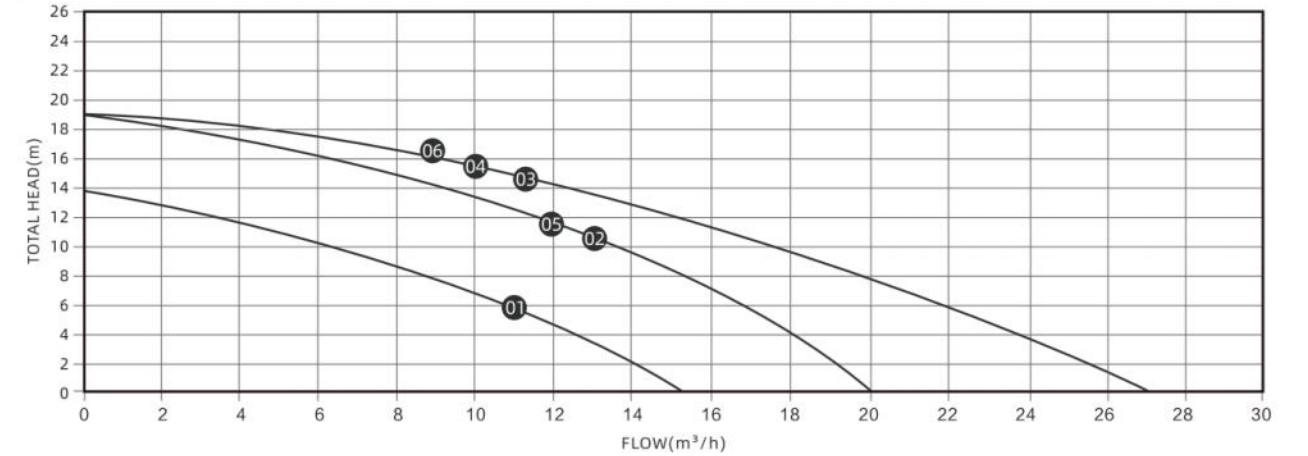
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
05	RZB2-25-24-210	24V	30V-48V	210W	2m³/h	25m	1"x1"	2m	<50V	≥1.3*PUMP POWER
06	RZB2-30-24-280	24V	30V-48V	280W	2m³/h	30m	1"x1"	2m	<50V	≥1.3*PUMP POWER
07	RZB3-50-48-550	48V	60V-90V	550W	3m³/h	50m	1"x1"	2m	<100V	≥1.3*PUMP POWER
08	RZB3-65-72-750	72V	90V-120V	750W	3m³/h	65m	1"x1"	2m	<150V	≥1.3*PUMP POWER

NO.	ITEM	(AC)Voltage	(DC)Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
09	RQB3-65-72-750-A/D	85V-280V	80V-400V	750W	3m³/h	65m	1"x1"	2m	<400V	≥1.3*PUMP POWER
10	RZB3-65-72-750-A/D	85V-280V	80V-400V	750W	3m³/h	65m	1"x1"	2m	<400V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**


DC controller


 AC/DC controller  
 HV controller

**HYDRAULIC PERFORMANCE CURVES**

**ACCESSORIES**

**TECHNICAL DATA**

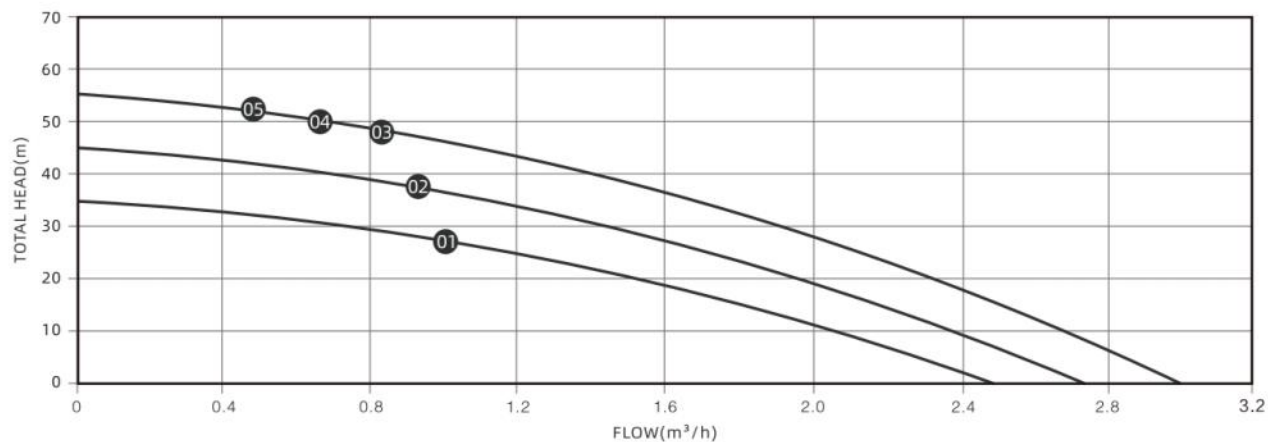
NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	RLP15-14-48-500	60V-90V	30V-48V	500W	15m³/h	14m	2x2"	2m	<100V	≥1.3*PUMP POWER
02	RLP20-19-72-900	90V-120V	30V-48V	900W	20m³/h	19m	2x2"	2m	<150V	≥1.3*PUMP POWER
03	RLP27-19-72-1200	90V-120V	60V-90V	1200W	27m³/h	19m	3x3"	2m	<150V	≥1.3*PUMP POWER
04	RLP27-19-110-1200	110V-150V	90V-120V	1200W	27m³/h	19m	3x3"	2m	<200V	≥1.3*PUMP POWER

NO.	ITEM	(AC)Voltage	(DC)Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
05	RLP20-19-72-900-A/D	85V-280V	80V-400V	900W	20m³/h	19m	2x2"	2m	400V	≥1.3*PUMP POWER
06	RLP27-19-72-1200-A/D	85V-280V	80V-400V	1200W	27m³/h	19m	3x3"	2m	400V	≥1.3*PUMP POWER

**RIDA SOLAR PUMP**



**HYDRAULIC PERFORMANCE CURVES**



**ACCESSORIES**



**TECHNICAL DATA**

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	RJET2.5-35-48-370	48V	60V-90V	370W	2.5m³/h	35m	1"x1"	2m	<100V	≥1.3*PUMP POWER
02	RJET2.7-45-48-550	48V	60V-90V	550W	2.5m³/h	45m	1"x1"	2m	<100V	≥1.3*PUMP POWER
03	RJET3.0-55-48-750	48V	60V-90V	750W	3m³/h	55m	1"x1"	2m	<100V	≥1.3*PUMP POWER
04	RJET3.0-55-72-750	72V	90V-120V	750W	3m³/h	55m	1"x1"	2m	<150V	≥1.3*PUMP POWER

NO.	ITEM	(AC)Voltage	(DC)Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
05	RJET3-55-72-750-A/D	85V-280V	80V-400V	750W	3m³/h	55m	1"x1"	2m	400V	≥1.3*PUMP POWER



DC controller



AC/DC controller HV controller

**RIDA SOLAR PUMP**

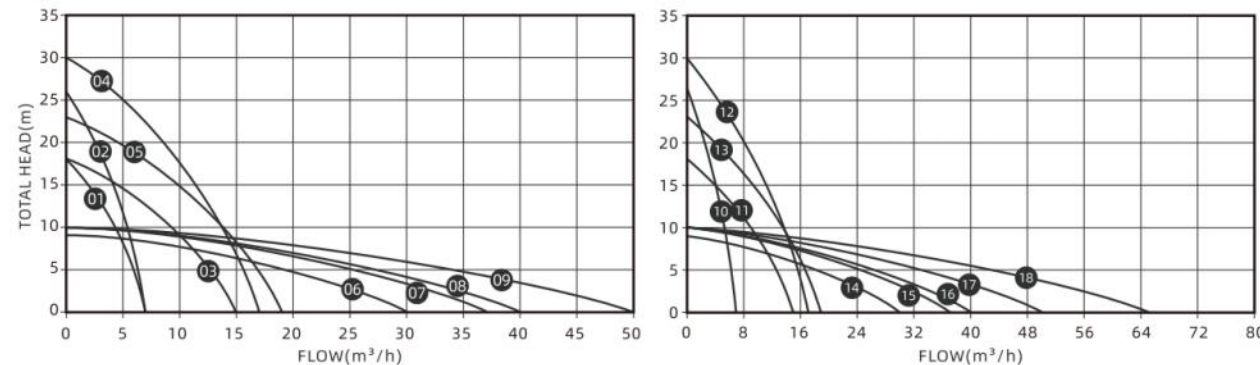


DC controller



AC/DC controller HV controller

**HYDRAULIC PERFORMANCE CURVES**



**ACCESSORIES**



**TECHNICAL DATA**

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	RQDX7.0-18-48-550	48V	60V-90V	550W	7.0m³/h	18m	1"	5m	<100V	≥1.3*PUMP POWER
02	RQDX7.0-26-72-750	72V	90V-120V	750W	7.0m³/h	26m	1"	5m	<150V	≥1.3*PUMP POWER
03	RQDX15-18-72-750	72V	90V-120V	750W	15m³/h	18m	2"	5m	<150V	≥1.3*PUMP POWER
04	RQDX17-30-110-1300	110V	110V-150V	1300W	17m³/h	30m	2"	5m	<200V	≥1.3*PUMP POWER
05	RQDX19-23-72-1100	72V	90V-120V	1100W	19m³/h	23m	2"	5m	<150V	≥1.3*PUMP POWER
06	RQDX30-9-72-750	72V	90V-120V	750W	30m³/h	9m	3"	5m	<150V	≥1.3*PUMP POWER
07	RQDX37-10-72-1100	72V	90V-120V	1100W	37m³/h	10m	3"	5m	<150V	≥1.3*PUMP POWER
08	RQDX40-10-110-1300	110V	110V-150V	1300W	40m³/h	10m	3"	5m	<200V	≥1.3*PUMP POWER
09	RQDX50-10-110-1500	110V	110V-150V	1500W	50m³/h	10m	3"	5m	<200V	≥1.3*PUMP POWER

NO.	ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
10	RQDX7.0-26-72-750-A/D	85V-280V	80V-400V	750W	7.0m³/h	26m	1"	5m	<400V	≥1.3*PUMP POWER
11	RQDX15-18-72-750-A/D	85V-280V	80V-400V	750W	15m³/h	18m	2"	5m	<400V	≥1.3*PUMP POWER
12	RQDX17-30-110-1300-A/D	85V-280V	80V-400V	1300W	17m³/h	30m	2"	5m	<400V	≥1.3*PUMP POWER
13	RQDX19-23-72-1100-A/D	85V-280V	80V-400V	1100W	19m³/h	23m	2"	5m	<400V	≥1.3*PUMP POWER
14	RQDX30-9-72-750-A/D	85V-280V	80V-400V	750W	30m³/h	9m	3"	5m	<400V	≥1.3*PUMP POWER
15	RQDX37-10-72-1100-A/D	85V-280V	80V-400V	1100W	37m³/h	10m	3"	5m	<400V	≥1.3*PUMP POWER
16	RQDX40-10-110-1300-A/D	85V-280V	80V-400V	1300W	40m³/h	10m	3"	5m	<400V	≥1.3*PUMP POWER
17	RQDX50-10-110-1500-A/D	85V-280V	80V-400V	1500W	50m³/h	10m	3"	5m	<400V	≥1.3*PUMP POWER
18	RQDX65-10-300-2200-A/D	85V-280V	80V-430V	2200W	65m³/h	10m	3"	5m	<400V	≥1.3*PUMP POWER

## Solar panel recommendation for 12V-110V DC solar pump

	<p>Solar panel:150W*1PCS Solar panel:270W*1PCS Solar panel:330W*1PCS</p>	<p>PUMP POWER 80W-12V Voc: 18V-50V</p>
	<p>Solar panel:150W*2PCS Solar panel:270W*1PCS Solar panel:330W*1PCS</p>	<p>PUMP POWER 120W-24V 180W-24V 200W-24V 210W-24V 210W-36V Voc: 18V-50V</p>
	<p>Solar panel:270W*2PCS Solar panel:330W*1PCS</p>	<p>PUMP POWER 280W-24V 300W-24V Voc: 18V-50V</p>
	<p>Solar panel:270W*2PCS Solar panel:330W*2PCS</p>	<p>PUMP POWER 400W-36V 400W-48V Voc: 18V-50V</p>
	<p>Solar panel:270W*2PCS Solar panel:330W*2PCS</p>	<p>PUMP POWER 370W-48V 400W-48V Voc: 30V-100V</p>
	<p>Solar panel:270W*4PCS Solar panel:330W*2PCS</p>	<p>PUMP POWER 500W-48V 550W-48V Voc: 30V-100V</p>
	<p>Solar panel:270W*4PCS Solar panel:330W*4PCS</p>	<p>PUMP POWER 600W-48V Voc: 30V-100V</p>
	<p>Solar panel:270W*3PCS Solar panel:330W*3PCS</p>	<p>PUMP POWER 600W-72V Voc: 50V-150V</p>

	<p>Solar panel:270W*4PCS Solar panel:330W*4PCS</p>	<p>PUMP POWER 750W-48V Voc: 30V-100V</p>
	<p>Solar panel:270W*4PCS Solar panel:330W*3PCS</p>	<p>PUMP POWER 750W-72V Voc: 50V-150V</p>
	<p>Solar panel:270W*4PCS Solar panel:330W*3PCS</p>	<p>PUMP POWER 900W-72V Voc: 50V-150V</p>
	<p>Solar panel:270W*6PCS Solar panel:330W*6PCS</p>	<p>PUMP POWER 1100W-72V Voc: 50V-150V</p>
	<p>Solar panel:270W*6PCS Solar panel:330W*6PCS</p>	<p>PUMP POWER 1100W-110V Voc: 80V-200V</p>
	<p>Solar panel:270W*8PCS Solar panel:330W*6PCS</p>	<p>PUMP POWER 1300W-110V Voc: 80V-200V</p>
	<p>Solar panel:270W*8PCS Solar panel:330W*8PCS</p>	<p>PUMP POWER 1500W-110V Voc: 80V-200V</p>

## Solar panel recommendation for 220V-380V AC/DC & HV solar pump

	<p>Solar panel:270W*3-7PCS Solar panel:330W*4-6PCS</p>	<p>PUMP POWER 750W-220V AC:220-240V DC:80V-400V</p>
	<p>Solar panel:330W*5-7PCS Solar panel:270W*6-8PCS</p>	<p>PUMP POWER 1100W-220V 1200W-220V AC:85V-280V DC:80V-400V</p>
	<p>Solar panel:270W*8-9PCS Solar panel:330W*6-8PCS</p>	<p>PUMP POWER 1300W-220V 1500W-220V AC:85V-280V DC:80V-400V</p>
	<p>Solar panel:270W*10PCS Solar panel:330W*8-9PCS</p>	<p>PUMP POWER 2200W-220V AC:85V-280V DC:80V-400V</p>
	<p>Solar panel:270W*15PCS Solar panel:330W*12PCS</p>	<p>PUMP POWER 3000W-380V AC Vol . 380V-440V Dc vol. 480V-780V</p>
	<p>Solar panel:270W*19PCS Solar panel:330W*15PCS</p>	<p>PUMP POWER 4000W-380V AC Vol . 380V-440V Dc vol. 480V-780V</p>
	<p>Solar panel:270W*26PCS Solar panel:330W*22PCS</p>	<p>PUMP POWER 5500W-380V AC Vol . 380V-440V Dc vol. 480V-780V</p>

	<p>Solar panel:270W*36PCS Solar panel:330W*30PCS</p>	<p>PUMP POWER 7500W-380V AC Vol . 380V-440V Dc vol. 480V-780V</p>
	<p>Solar panel:270W*45PCS Solar panel:330W*36PCS</p>	<p>PUMP POWER 9200W-380V AC Vol . 380V-440V Dc vol. 480V-780V</p>
	<p>Solar panel:270W*54PCS Solar panel:330W*42PCS</p>	<p>PUMP POWER 11000W-380V AC Vol . 380V-440V Dc vol. 480V-780V</p>
	<p>Solar panel:270W*76PCS Solar panel:330W*60PCS</p>	<p>PUMP POWER 15000W-380V AC Vol . 380V-440V Dc vol. 480V-780V</p>

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