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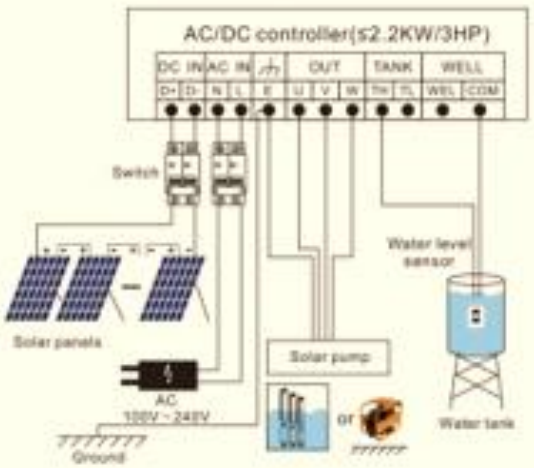
ADVANTAGE OF PUMP

- Permanent magnet DC brushless synchronous motor: The efficiency is improved by 15%-20%, Save energy; Reduce the consumption of solar panels.
- The whole 304 stainless steel rotor shaft avoids the risk of shaft breakage.
- Double bearing motor base can work under more axial pressure
- Alloy mechanical seal: Longer working life and high reliability.
- Motor coil is made by automatic winding machine with centralized winding technology, motor efficiency is much improved.
- 180°C high temperature resistant copper wire, insulation class F
- The magnet is made of 40SH aluminum iron boron, with a temperature resistance of 150°C.
- The magnet is made of 40SH aluminum iron boron, with a temperature resistance of 150°C.
- Intelligent water shortage protection: The pump stops working automatically.
- 2 years warranty

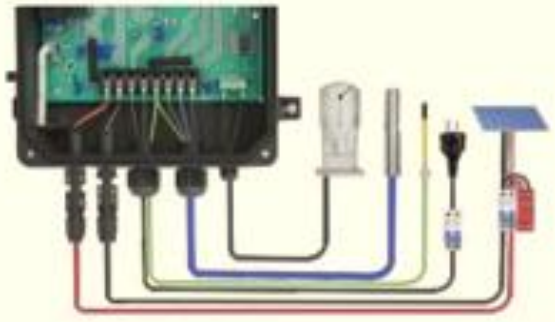
ADVAADVANTAGE OF CONTROLLER

- Waterproof grade: IP65
- Wide open circuit voltage range
- Ambient temperature: -15℃~60℃
- MPPT function, the solar power utilization rate is higher.
- LED displays the power, voltage, current, speed etc working condition.
- 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.
- Automatic startup and shutdown, without personnel on duty.
- Soft start: No impulse current, protect the pump motor.
- Over-voltage/undervoltage/over-current/phase loss/short circuit/water shortage/high temperature protection etc.
- 2 years warranty



Warning!!!

Do not connect the wrong ports of the solar panel, U\V\W, and float switch, as there may be arisk of damaging the controller!



4"AC/DC BRUSHLESS SOLAR PUMP WITH STAINLESS STEEL IMPELLER

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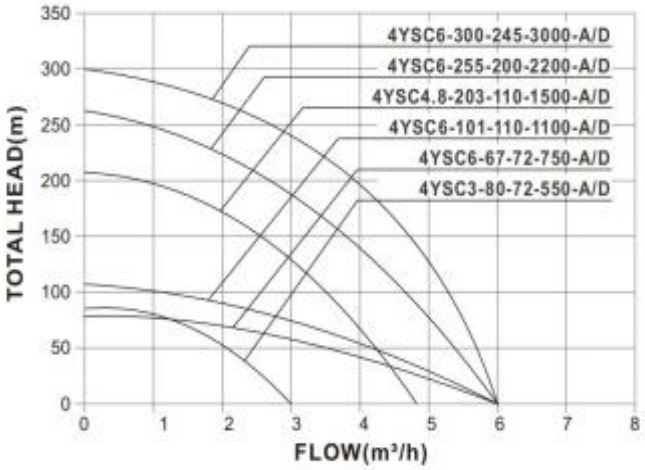
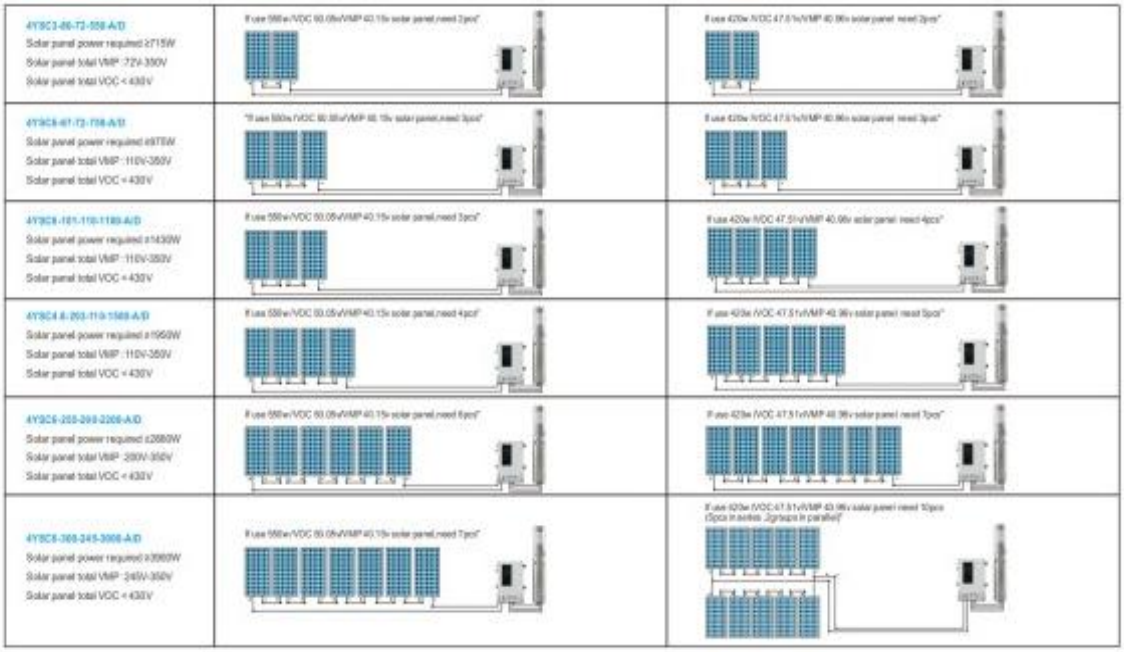


FREE SPARE PARTS

TECHNICAL DATA

Model	(AC) Voltage	(DC) Voltage	Best DC Voltage	Power	Horse power	Max. Flow	Max. Head	Outlet	Cable	Solar panel required	
										Open circuit voltage(VOC)	Power
4YSC3-80-72-550-A/D	85V-280V	80V-430V	100-350V	550w	0.75HP	3m³/h	80m	1.25"	2m	<430V	≥1.3*solar pump
4YSC6-67-72-750-A/D	85V-280V	80V-430V	100-350V	750W	1HP	6m³/h	67m	1.25"	2m	<430V	≥1.3*solar pump
4YSC6-101-110-1100-A/D	85V-280V	80V-430V	110-350V	1100W	1.5HP	6m³/h	101m	1.25"	2m	<430V	≥1.3*solar pump
4YSC4.8-203-110-1500-A/D	85V-280V	80V-430V	110-350V	1500W	2HP	4.8m³/h	203m	1.25"	2m	<430V	≥1.3*solar pump
4YSC6-255-200-2200-A/D	85V-280V	80V-430V	200-350V	2200W	3HP	6m³/h	255m	1.25"	2m	<430V	≥1.3*solar pump
4YSC6-300-245-3000-A/D	85V-280V	80V-430V	245-350V	3000W	4HP	6m³/h	300m	1.25"	2m	<430V	≥1.3*solar pump

SOLAR PANEL SUGGESTION



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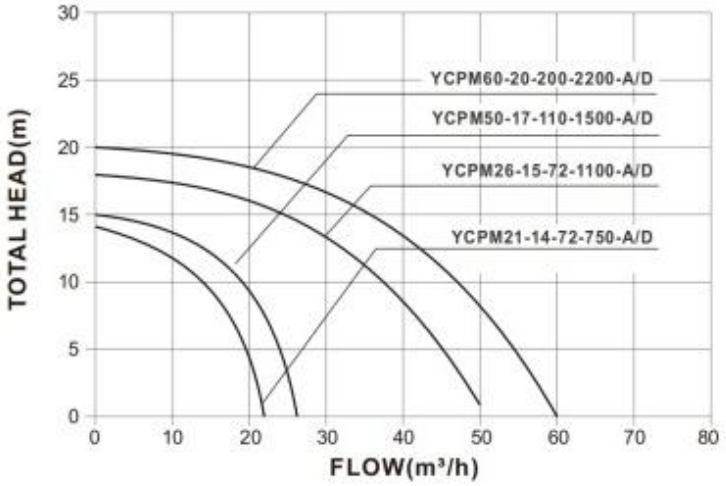
ACIDC VOLTAGE BRUSHLESS CENTRIFUGAL SOLAR PUMP



FREE SPARE PARTS

TECHNICAL DATA

Model	(AC) Voltage	(DC) Voltage	Best DC Voltage	Power	Horse power	Max. Flow	Max. Head	Outlet	Cable	Solar panel required	
										Open circuit voltage(VOC)	Power
YCPM21-14-72-750-A/D	85V-280V	80V-430V	72-350V	750W	1HP	21m³/h	14m	2"	0.6m	<430V	≥1.3*solar pump
YCPM26-15-72-1100-A/D	85V-280V	80V-430V	72-350V	1100W	1.5HP	26m³/h	15m	2"	0.6m	<430V	≥1.3*solar pump
YCPM50-17-110-1500-A/D	85V-280V	80V-430V	110-350V	1500W	2HP	50m³/h	17m	3"	0.6m	<430V	≥1.3*solar pump
YCPM60-20-200-2200-A/D	85V-280V	80V-430V	200-350V	2200W	3HP	60m³/h	20m	4"	0.6m	<430V	≥1.3*solar pump

SOLAR PANEL SUGGESTION

YCPM21-14-72-750-A/D Solar panel power required ≥975W Solar panel total VMP :72V-350V Solar panel total VOC < 430V	If use 550w /VOC 50.05v/VMP 40.15v solar panel need 2pcs	If use 420w /VOC 47.51v/VMP 40.96v solar panelneed 3pcs
YCPM26-15-72-1100-A/D Solar panel power required ≥1430W Solar panel total VMP :72V-350V Solar panel total VOC < 430V	If use 550w /VOC 50.05v/VMP 40.15v solar panel,need 3pcs	If use 420w /VOC 47.51v/VMP 40.96v solar panelneed 4pcs
YCPM50-17-110-1500-A/D Solar panel power required ≥1950W Solar panel total VMP :110V-350V Solar panel total VOC < 430V	If use 550w /VOC 50.05v/VMP 40.15v solar panel,need 4pcs	If use 420w /VOC 47.51v/VMP 40.96v solar panelneed 5pcs
YCPM60-20-200-2200-A/D Solar panel power required ≥2860W Solar panel total VMP :200V-350V Solar panel total VOC < 430V	If use 550w /VOC 50.05v/VMP 40.15v solar panel,need 6pcs	If use 420w /VOC 47.51v/VMP 40.96v solar panelneed 7pcs

ACIDC VOLTAGE BRUSHLESS CENTRIFUGAL SOLAR PUMP

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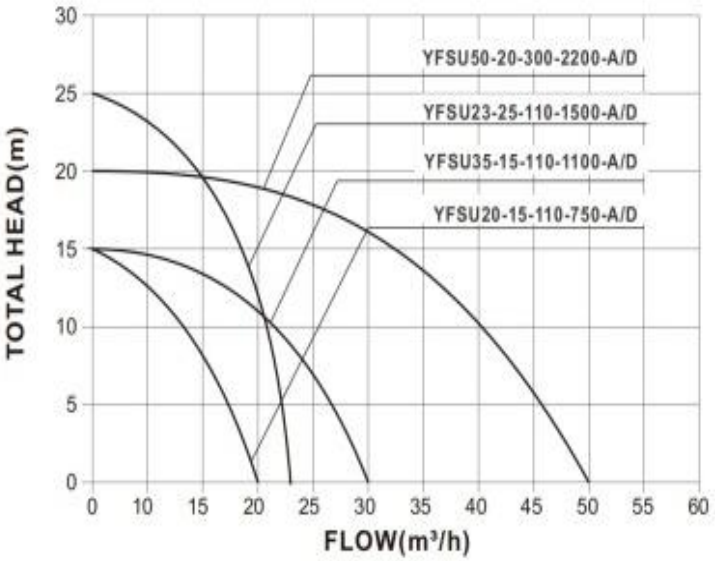
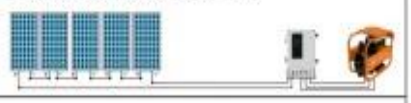
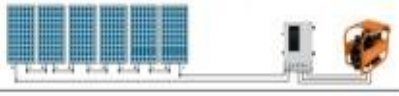
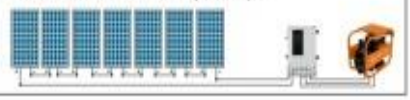


FREE SPARE PARTS

TECHNICAL DATA

Model	(AC) Voltage	(DC) Voltage	Best DC Voltage	Power	Horse power	Max. Flow	Max. Head	Outlet	Cable	Solar panel required	
										Open circuit voltage(VOC)	Power
YFSU20-15-110-750-A/D	85V-280V	80V-430V	110-350V	750W	1HP	20m³/h	15m	2"	0.6m	<430V	≥1.3*solar pump
YFSU35-15-110-1100-A/D	85V-280V	80V-430V	110-350V	1100W	1.5HP	35m³/h	15m	3"	0.6m	<430V	≥1.3*solar pump
YFSU23-25-110-1500-A/D	85V-280V	80V-430V	110-350V	1500W	2HP	23m³/h	25m	2"	0.6m	<430V	≥1.3*solar pump
YFSU50-20-300-2200-A/D	85V-280V	80V-430V	300-350V	2200W	3HP	50m³/hh	20m	3"	0.6m	<430V	≥1.3*solar pump

SOLAR PANEL SUGGESTION

YFSU20-15-110-750-A/D Solar panel power required ≥975W Solar panel total VMP :110V-350V Solar panel total VOC < 430VV		
YFSU35-15-110-1100-A/D Solar panel power required ≥1430W Solar panel total VMP :110V-350V Solar panel total VOC < 430V		
YFSU23-25-110-1500-A/D Solar panel power required ≥1950W Solar panel total VMP :110V-350V Solar panel total VOC < 430V		
YFSU50-20-300-2200-A/D Solar panel power required ≥2860W Solar panel total VMP :300V-350V Solar panel total VOC < 430V