



G RAM TRADERS

BLDC SOLAR PUMPS

DC Brush type Submersible Solar Pump

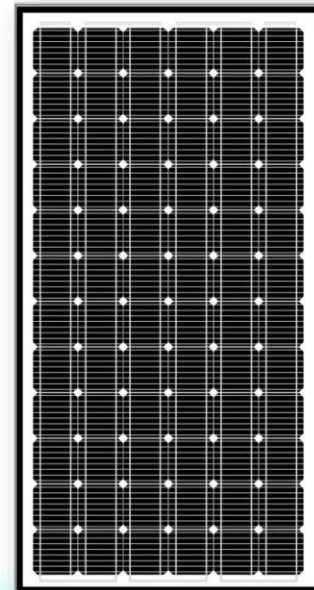
 G RAM TRADERS

Material Of Pump

- Outlet: Plastic/Iron
- Pump body: Iron
- Impeller: Plastic
- Motor: DC brush motor
- Cable: 3 M

Product Features

- Only use it for clean water
- Low lift, small flow, fit for home use, drinking water



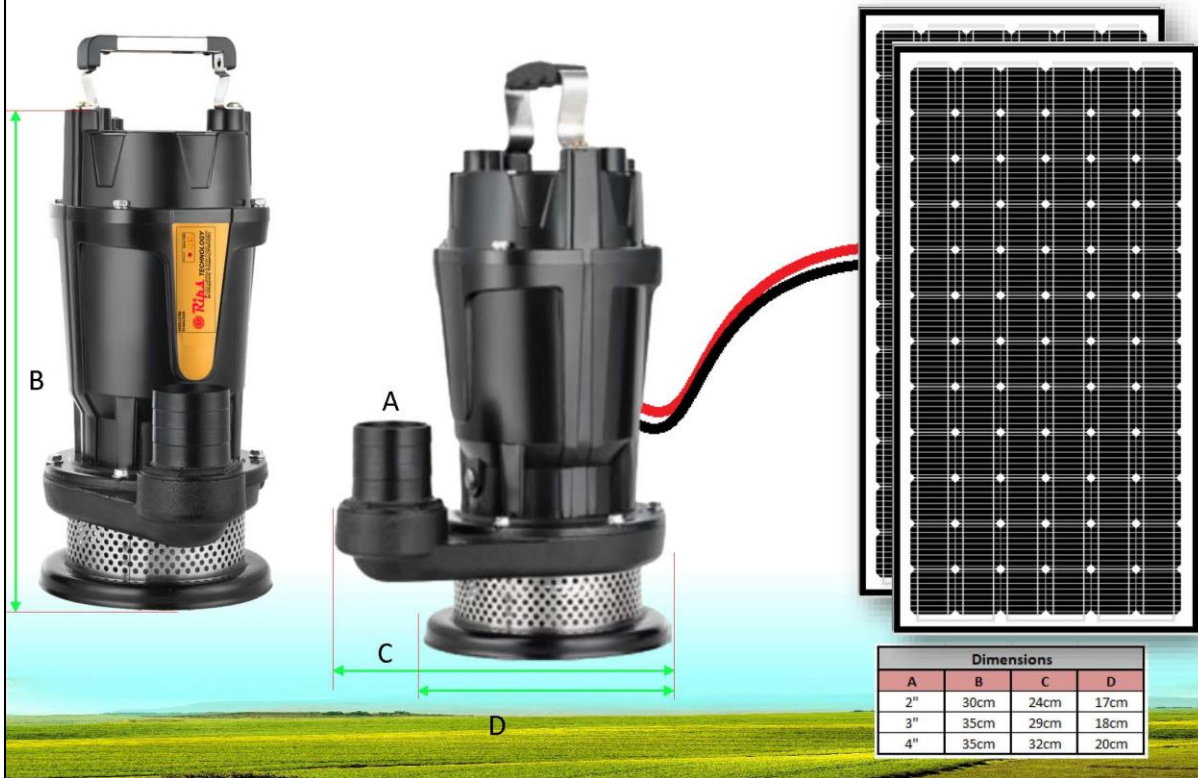
PART NUMBER	Maximum PUMPING HIGHT /HEAD		WATER FLOW DELIVERY Ltr/Hr	NORMAL VOLT [DC]	Min&Max WORKING VOLTAGE RANGE	MOTOR POWER	MINIMUM SOLAR PANEL POWER	MINIMUM SOLAR PANEL CURRENT	PIPE SIZE
	in METER	in FEET							
OWDS-12/200/12/6-1	12M	39F	6000	12V	9V-18V	200W	>260W	>15A	0.75"
OWDC-12/200/15/7-Adj	15M	49F	7000						1"/2"/3"
OWDS-24/240/16/6-1	16M	52F	6000	24V	18V-36V	240W	>312W	>8A	0.75"





G RAM TRADERS

BLDC Open Well Submersible Solar Pump

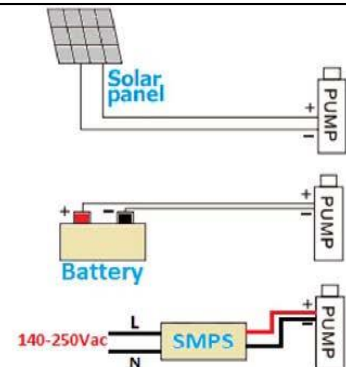
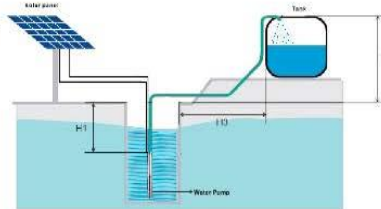


Material Of Pump

- Outlet: Iron
- Pump head: Iron
- Pump body: Iron
- Impeller: Aluminium
- Motor: Permanent magnet DC brushless motor
- Cable: 5M
- MPPT function controller

Product Features

- Medium lift and large flow, fit for irrigation
- Warranty: 1 year



PART NUMBER	Maximum PUMPING HIGHT / HEAD		WATER FLOW DELIVERY Ltr/Hr	NORMAL VOLT [DC]	Min&Max WORKING VOLTAGE RANGE	MOTOR POWER	MINIMUM SOLAR PANEL POWER	MINIMUM SOLAR PANEL CURRENT	PIPE SIZE
	in METER	in FEET							
OWC-72/1100/9/42-4	9M	30F	42000	72 V	45V - 150V	1100 W	>1430 W	>15A	4"
OWC-72/1100/13/39-3	13M	43F	39000	72 V		900 W	>1170 W	>8A	3"
OWC-108/900/30/17-2	30M	98F	17000	108 V					2"



BLDC Open Well Submersible Solar Pump

Material Of Pump

- Outlet: Iron
- Pump head: Iron
- Pump body: Iron
- Impeller: Aluminium
- Motor: Permanent magnet DC brushless motor
- Cable: 2M
- MPPT function controller



G RAM TRADERS

Outlet Size (in)	Diameter (mm)
1"	170
2"	210
3"	260

Product Features

- Medium lift and large flow, fit for irrigation
- Warranty: 1 year



G RAM TRADERS	PART NUMBER	Maximum PUMPING HIGHT /HEAD		WATER FLOW DELIVERY Ltr/Hr	NORMAL VOLT [DC]	Min&Max WORKING VOLTAGE RANGE	MOTOR POWER	MINIMUM SOLAR PANEL POWER	MINIMUM SOLAR PANEL CURRENT	PIPE SIZE
		in METER	in FEET							
	OW260 - 24/200/3.5/14-3	3.5M	11F	14000	24V	18V-80V	200W	>260W	>8A	3"
	OW260 - 60/600/9/23-3	9M	30F	23000	60V	48V-100V	600W	>780W		3"
	OW210 - 24/200/10/10-2	10M	33F	10000	24V	18V-80V	200W	>260W		2"
	OW170 - 24/200/12/5-1	12M	39F	5000						1"
	OW170 - 48/400/17/6-1	17M	55F	6000	48V	400W	>520W	2"		
	OW210 - 48/400-17-14-2			14000						
	OW210 - 60/600/25/16-2	25M	81F	16000	60V	48V-100V	600W	>780W		

24V/260W

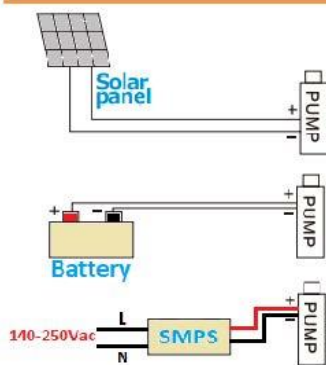
48V/520W

60V/780W

140-250Vac

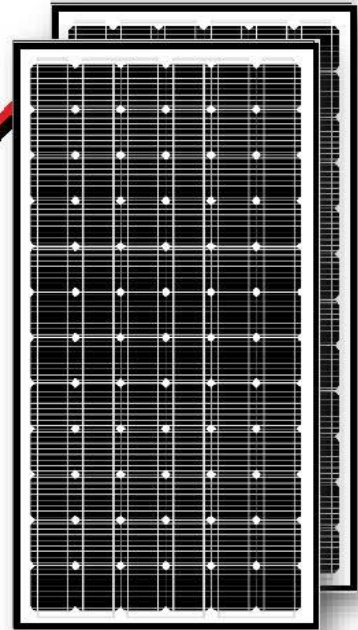
Battery

Solar panel

BLDC Bore Well Submersible Solar Pump [Cast Iron-Impeller type]

G RAM TRADERS

Diameter (mm)
100



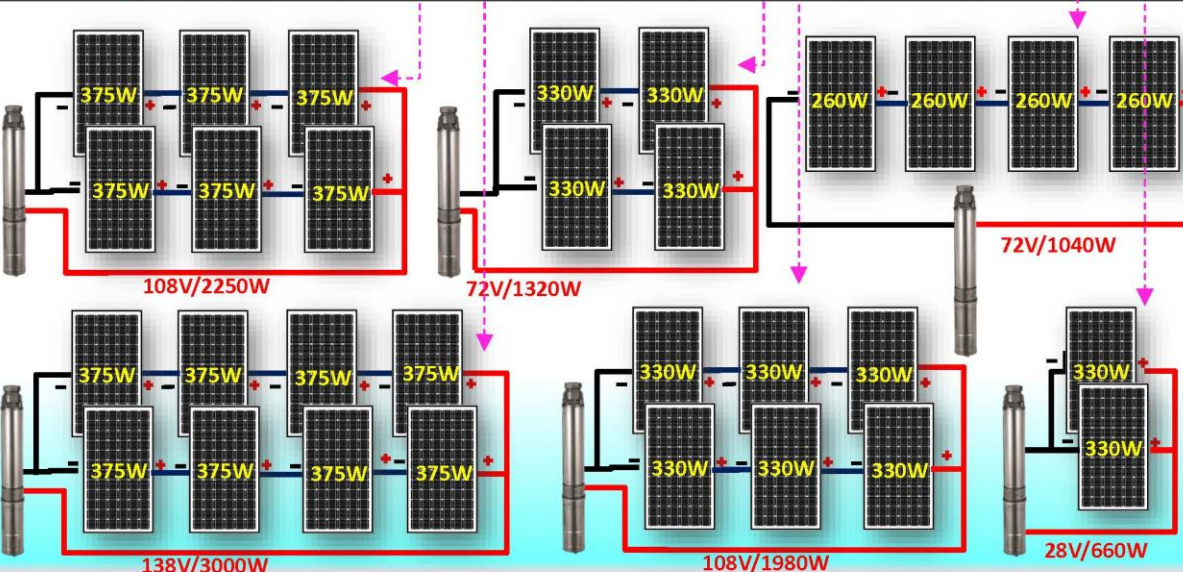
Material Of Pump

- Outlet: Iron
- Pump head: Iron
- Pump body: Stainless steel
- Impeller: Plastic
- Motor: Permanent magnet DC brushless motor
- Cable: 2M
- Oil cooling
- MPPT function controller

Product Features

- Only use it for clean water
- High lift and medium flow, fit for home use and irrigation
- Lower price and good quality

G RAM TRADERS	PART NUMBER	Maximum PUMPING HIGHT /HEAD		WATER FLOW DELIVERY Ltr/Hr	NORMAL VOLT [DC]	Min&Max WORKING VOLTAGE RANGE	MOTOR POWER	MINIMUM SOLAR PANEL POWER	MINIMUM SOLAR PANEL CURRENT	PIPE SIZE
		in METER	in FEET							
 Impeller Type	4SCBI-72/800/30/12-1.5	30M	97F	12000	72V	48V - 150V	800W	>1040W	>8A	1.5"
	4SCBI-28/450/35/6-1.5	35M	110F	6000	28V	26V - 80V	450W	>585W		
	4SCBI-108/1500/60/12-1.5	60 M	195F	12000	108V		1500W	>1950W		
	4SCBI-72/950/80/6-1.5	80M	260F	6000	72V	60V - 150V	950W	>1235W	>15A	
	4SCBI-108/1700/100/10-1.5	100M	325F	10000	108V		1700W	>2210W		
	4SCBI-138/2100/160/6-1.5	160M	520F	6000	138V	96V - 200V	2100W	>2730W		



BLDC

Bore Well Submersible Solar Pump [Brass & Steel – Impeller type]



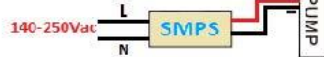
G RAM TRADERS



Solar panel



Battery



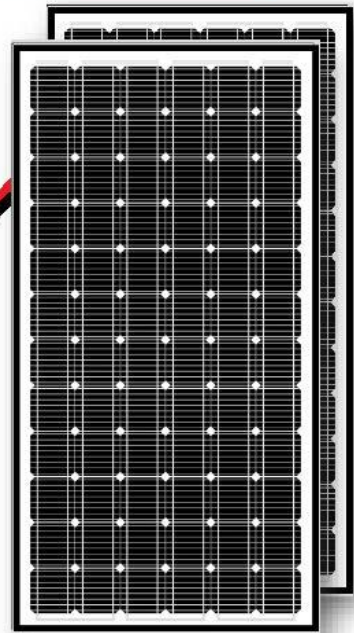
Material Of Pump

- Outlet: Brass
- Pump head: Brass
- Pump body: 201 stainless steel
- Impeller: Plastic
- Motor: Permanent magnet DC brushless motor
- Cable: 2M
- Oil cooling
- MPPT function controller

Product Features

- Only use it for clean water
- Max head is 150M, max flow is 6.5M³/H
- Fit for small farm, livestock
- Warranty: 1 year

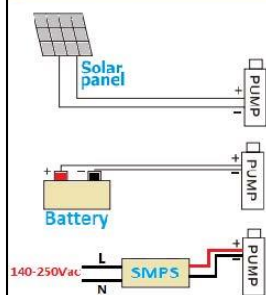
Diameter
(mm)
100 & 75



G RAM TRADERS	PART NUMBER	Maximum PUMPING HIGHT /HEAD		WATER FLOW DELIVERY Ltr/Hr	NORMAL VOLT [DC]	Min & Max WORKING VOLTAGE RANGE	MOTOR POWER	MINIMUM SOLAR PANEL POWER	MINIMUM SOLAR PANEL CURRENT	PIPE SIZE
		in METER	in FEET							
	3SSBI – 96/750/45/6.5-1	45M	146F	6500	96V	150V	750W	975W	>8A	1"
	4SSBI – 48/400/50/3.5-1	50M	162F	3500	48V	80V	400W	520W		
	3SSBI-72/600/60/3.5-1	60M	195F		72V	150V	600W	780W		
	3SSBI – 96/750/75/3.5-1	75M	243F	6500	96V		750W	975W		
	4SSBI-72/1100/75/6.5-1.25	110M	357F	3500	72V	150V	1100W	1430W	>15A	1.25"
	3SSBI – 72/1100/110/3.5-1			7000	72V		1500W	1950W		1"
	4SSBI – 96/1500/110/7-1.5				96V					1.5"

72V/1500W	72V/780W	96V/1980W
96V/990W	48V/660W	

Bore Well Submersible Solar Pump [Full Steel – Impeller & Screw Type]



Material Of Pump

- Outlet: 304 stainless steel
- Pump head: 304 stainless steel
- Pump body: 304 stainless steel
- Impeller: 301 stainless steel
- Motor: Permanent magnet dc brushless motor
- Cable: 2M
- Oil cooling
- MPPT function controller



G RAM TRADERS



G RAM TRADERS	PART NUMBER	Maximum PUMPING HEIGHT / HEAD		WATER FLOW DELIVERY Lm/H	NORMAL VOLT [DC]	Min/Max WORKING VOLTAGE RANGE	MOTOR POWER	MINIMUM SOLAR PANEL POWER	MINIMUM SOLAR PANEL CURRENT	PIPE SIZE
		in METER	in FEET							
 Impeller Type 1	4FSSBI-48/400/50/4-1.25	50M	162F	4000	48V	80V	400W	520W	>8A	1.25"
	4FSSBI-72/550/80/4-1.25	80M	260F		72V	550W	715W			
	4FSSBI-96/650/100/4-1.25	100M	328F		96V	650W	845W			
	4FSSBI-130/880/130/4-1.25	130M	422F	130V	800W	1144W				
	4FSSBI-108/1400/190/4-1.25	190M	617F	4000	108V	150V	1400W	1820W		1.25"



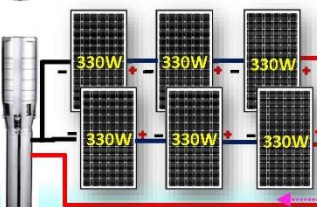
96V/990W



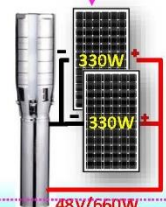
72V/750W



130V/1320W



108V/1980W



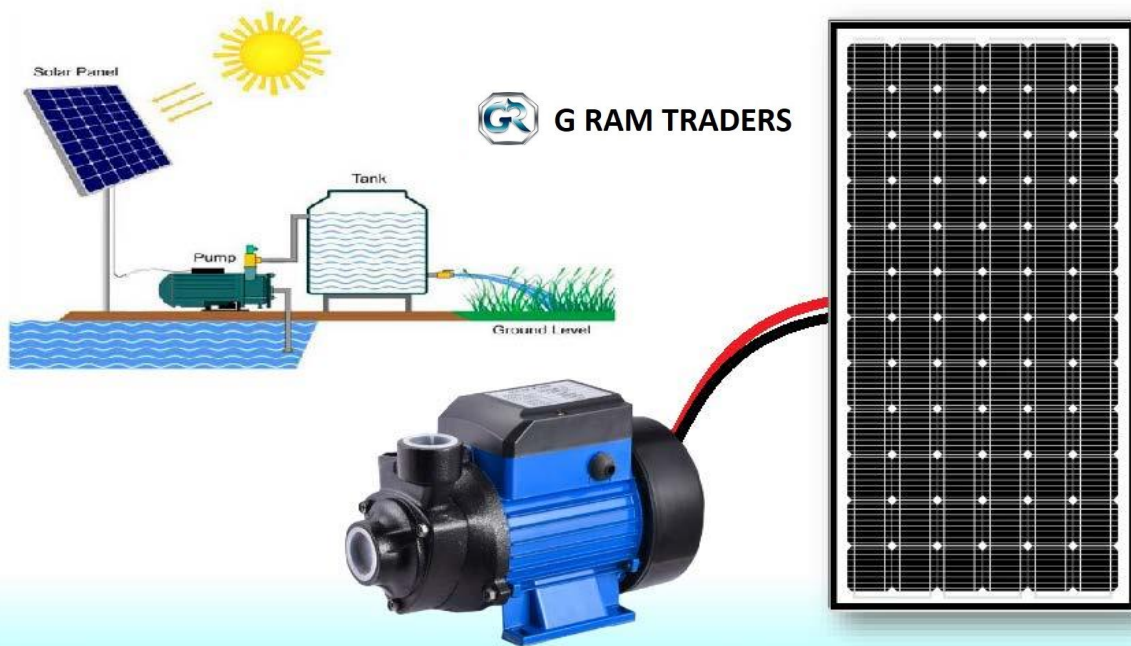
48V/660W

PART NUMBER	Maximum PUMPING HEIGHT / HEAD		WATER FLOW DELIVERY Ltr/Hr	NORMAL VOLT [DC]	Min & Max WORKING VOLTAGE RANGE	MOTOR POWER	MINIMUM SOLAR PANEL POWER	MINIMUM SOLAR PANEL CURRENT	PIPE SIZE
	in METER	in FEET							
4SSBS - 24/250/40/2.5-1	40M	130F	2500	24V	80V	250W	325W	>8A	1"
3SSBS - 48/600/80/2.5-1	80M	260F	2500	48V		600W	780W	>12A	
4SSBS - 60/600/85/3-1	85M	276F	3000	60V		100V	780W	>8A	

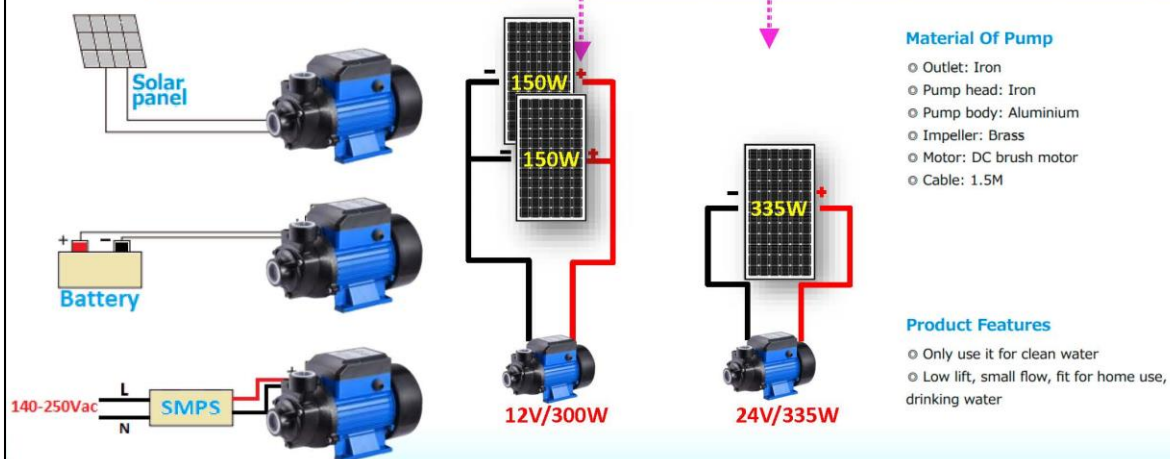
The diagram illustrates three different pump configurations based on the table data:

- 24V/330W:** A single pump unit connected to a 330W solar panel.
- 60V/780W:** A pump unit connected to three 260W solar panels in series.
- 48V/780W:** A pump unit connected to two 390W solar panels in parallel.

DC DC Brush Surface Solar Pump (Mono block)



G RAM TRADERS	PART NUMBER	Maximum PUMPING HIGHT /HEAD		WATER FLOW DELIVERY Ltr/Hr	NORMAL VOLT [DC]	Min&Max WORKING VOLTAGE RANGE	MOTOR POWER	MINIMUM SOLAR PANEL POWER	MINIMUM PANEL CURRENT	PIPE SIZE
		in METER	in FEET							
	MBR - 12/180/15/1.5-1	15M	48F	1000	12V	9V-18V	180W	>230W	>15A	0.75"
	MBR - 24/280/25/1.5-1	25M	81F		24V	18V-36V	280W	>360W	>8A	



DC Brush type Submersible Solar Pump- (Screw + Impeller Type)

Solar panel

Battery

140-250Vac → **SMPS** → **PUMP**

G RAM TRADERS

Material Of Pump

- o Outlet: Iron
- o Pump head: Iron
- o Pump body: Stainless steel/Iron
- o Impeller: Screw/Plastic impeller
- o Motor: DC brush motor
- o Cable: 15M

Product Features

- o Only use it for clean water
- o High lift and small flow, fit for home use, drinking water

G RAM TRADERS

PART NUMBER	Maximum PUMPING HIGHT /HEAD		WATER FLOW DELIVERY Ltr/Hr	NORMAL VOLT [DC]	Min & Max WORKING VOLTAGE RANGE	MOTOR POWER	MINIMUM SOLAR PANEL POWER	MINIMUM SOLAR PANEL CURRENT	PIPE SIZE
	in METER	in FEET							
3BRBS - 12/150/20/1-1	20M	66F	1000	12V	12V-18V	150W	>195W	>9A	1"
4BRBI - 48/750/30/12-2	30M	97F	12000	48V	48V-72V	750W	>975W	>15A	2"
3BRBS - 24/250/50/1.6-1	40M	162F	1000	24V	24V-36V	250W	>325W	>9A	1"
3BRBI - 24/250/40/3-1			3000			250W	>325W		

4BRBS → Screw type
4BRBI → Impeller type

12V/300W 24V/330W 24V/330W 48V/990W



G RAM TRADERS

BLDC Bore Well Hybrid Pump with External controller AC/DC Support

Inbuild Automatic Water level
controller and dry run protection

