

Power Drive



Feature

- Wide power range of 3kW to 22kW.
- Built in MPPT solar charger.
- Up to 900V DC input voltage.
- Full feature system protection and self-diagnosis.
- Soft start feature available.
- LCD display and LED indicator.
- IP65 protection design.
- Remote monitoring through RS232 / RS485 / GPRS optional.

Technical Parameters

OUTPUT POWER

Rated power	3kW	4kW	5.5kW	7.5kW	9.2kW	11kW	13kW	15kW	18.5kW	22kW
Maximum current	8A	10A	13A	18A	21A	24A	28A	30A	38A	45A
Rated voltage	380V (3 PH)									
Frequency range	0 to 50 / 60Hz									
Motor type	380V, three-phase asynchronous engine									

DC INPUT

PV input ports	2	3	5
MPPT voltage range	500V to 680V		
Maximum DC input voltage	900V		
Starting voltage	250V		

GENERAL DATA

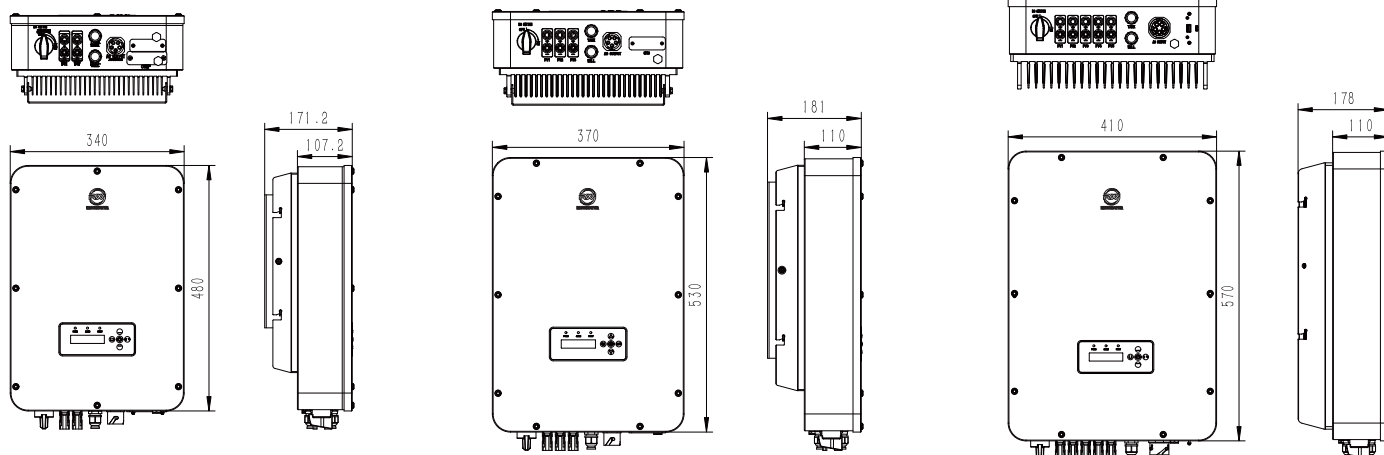
Dimensions (W / H / D)	340mm / 480mm / 171.2mm	370mm / 530mm / 181mm	410mm / 570mm / 178mm
Weight	13.8 kg	18.3 kg	23.8 kg
IP rating	IP 65		

- 1: The connected PV array is recommended to be 1.5 times the rated power of the solar pump inverter.
2: The pump inverter power must be greater than water pump power.

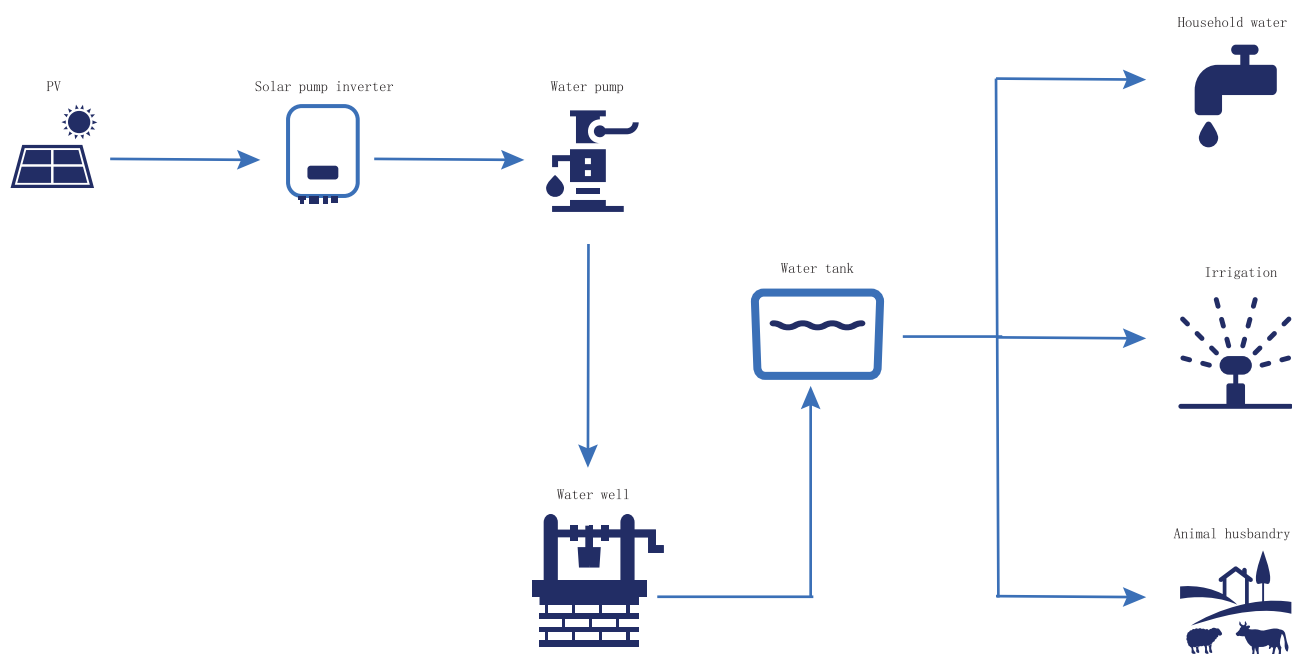


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Structure



Electrical Schematic



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