



* Image shown are just indicative



Domestic water



Municipal water



Agriculture irrigation



Pasture animal husbandry



Forestry irrigation



Desert control

Specification

Parameter	Description					
Pump Capacity	1HP	2HP	3HP	5HP	7.5HP	10HP
Maximum 3P Output Current	08A	10A	10A	10A	16A	16A
Overload Capacity	110% of nominal output capacity					
Output frequency	1Hz-240Hz					
Maximum 3P Output Voltage (RMS)	120V	230V	230V	380V		
Absolute Maximum DC Bus Voltage	200V	460V	460V	800V		
MPPT Voltage range	60 - 180V	100 - 400V	100 - 400V	300 - 700V		
Solar Panel Type	Polycrystalline					
Maximum Solar PV Wattage	350Wp x 4nos or Max. of 1500Wp	335Wp x 9nos or Max. of 2400Wp	350Wp x 9nos or Max. of 3200Wp	350Wp x 14nos or Max. of 5000Wp	350Wp x 10nos - 2String or Max. of 7500Wp	350Wp x 14nos - 2String or Max. of 10KWp
Maximum DC Input Current	10A	10A	10A	10A	20A	20A
Protections	Output Short Circuit/ Output Open Circuit / Over Temperature / Over Voltage / Under Voltage / Over Current / Electronic Thermal Overload/ Output phase current unbalance / Serial Error / Over Speed / Motor Connection Open/ Thermal Overload / Dry Run / Reverse Polarity					
Data Communication	Isolated RS485 with MODBUS RTU for RMU/ Serial Display					
Remote Monitoring	2G / 4G					
Operation	PV only					
Motor types	3P Induction Motor / PMSM					
MPPT Algorithm	P&O					
Waveform	Space Vector Pulse Width Modulation					