

Specifications of FlinFlow Solar Pump Inverter

MODEL	2.2 kW	7.5 kW
Phase	Single Phase-In/Single Phase Out or 3 Phase-In/3 Phase Out	3 Phase-in / 3 Phase-out
Rated Output Power	2200 W	7500 W
PV INPUT DC		
Nominal DC Voltage /Maximum DC Voltage	320 VDC / 450 VDC	540 VDC / 800 VDC
Start-up Voltage	120 VDC	250 VDC
MPPT Voltage Range	120 VDC ~ 420 VDC	250 VDC ~ 780VDC
Number of MPPT Trackers	1	
AC INPUT		
Input Voltage	220/230/240 VAC (-15% ~ +10%)	NA
Input Frequency	47 Hz ~ 63 Hz	
OUTPUT		
Nominal Voltage	220/230/240 VAC	380 / 400 / 415 / 440 VAC, Three Phase
Efficiency	> 97%	
Output Current	14A - Single Phase Motor 10A - Three Phase Motor	15A Three-phase asynchronous motor
Frequency Precision	± 0.2 %	
PROTECTION		
Full Protection	Phase lost, dry pumping, motor locked, weak sunlight, over-voltage, under-voltage, over-current, surge, overtemperature and short circuit protection	
Type of mechanical protection	IP20	
PHYSICAL		
Dimensions D x W x H (mm)	110 x 230 x 330	
Net Weight (kgs)	5	6
INTERFACE		
Communication Port	RS-232 / RS-485	
ENVIRONMENT		
Humidity	< 95% RH (condensing)	
Operating Temperature	-20°C to 45°C at 100% load 46°C to 60°C power derating	

Product specifications are subjected to change without further notice