

PD-STP1.5-4K -G2

1.5-4KW 220V Solar Pump Inverter



FEATURES

- Rated power range of 1500W to 4000W.
- Built in MPPT solar charger.
- Wide MPPT input voltage range of 100V to 400V.
- Auto-restart feature after PV reconnect or AC return.
- 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.

Power Drive	PD-STP1.5K-G2	PD-STP2.2K-G2	PD-STP4K-G2
OUTPUT POWER			
Rated power	1500W	2200W	4000W
Maximum current	7.5A (3PH) / 10.2A (1PH)	10A (3PH) / 14A (1PH)	16A (3PH) / 25A (1PH)
Wiring mode	1P1L / 3P3L		
Rated voltage	0 to 220V (1PH or 3PH)		
Frequency range	0 to 50 / 60Hz		
DC INPUT			
PV input ports	1	1	2
MPPT voltage range	100V to 400V		
Maximum DC input voltage	450V		
Starting voltage	80V		
Maximum DC current	12A	12A	16A
AC INPUT			
Grid or DG input voltage range	220V to 240V (1PH)		
Rated current	16A	24A	38A
Frequency range	47Hz to 63Hz		
Terminal	L, N, PE		
CONTROL PERFORMANCE			
Motor type	Asynchronous motor, 220V (1 phase) / 220V (3 Phase)		
Control mode	V / F		
PROTECTION FUNCTION			
Output overcurrent	YES		
Output overload	YES		
Output short-circuit	YES		
Dry / Overflow	YES		
GENERAL DATA			
Dimensions (W / H / D)	335mm / 335mm / 156mm	335mm / 335mm / 156mm	360mm / 420mm / 169mm
Weight	9.75 kg	9.75 kg	12 kg
Operating temperature range	-25~-60℃ (with derating above 45℃)		
IP rating	IP 65		
Humidity range	0 to 100%		
Altitude	<3000m (with derating above 2000m)		

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.