

MAXPOWER

CHF 200-PV Series

SOLAR PUMP CONTROLLER

Product Features

- Hybrid operation (AC supply & PV supply)
- Advanced MPPT algorithms
- High efficiency and stability
- Effective protection function
- Intelligent IOT
- Drive multi types of pumps (PMSM, AM, Single phase motors,etc)

Product Specification

DC input	
Max DC voltage(V)	800
Start voltage(V)	300
Min. work voltage(V)	250
Recommended MPPT voltage(V)	300~750
Recommended input work voltage(V)	550
AC input	
Input voltage(Vac)	3PH 380 (-15%) ~440 (+10%) -4 3PH 220 (-15%) ~240 (+10%) -2 1PH 220 (-15%) ~240 (+10%) -S2 & -SS2
Input frequency(Hz)	47~63
AC output	
Output voltage(Vac)	0-input voltage
Output frequency(Hz)	0-400
Control performance	
Control method	V/F (SVPWM)
Pump type	Asynchronous , synchronous and single phase motor.
Overload capability	120% of rated current: 1 minute 150% of rated current: 10 seconds
Others	
Protective degree	IP20
Cooling method	Forced air cooling
Interface	LED keypad
Professional function	
Protection function	Low water level, overload, overcurrent, overvoltage, weak sunlight alarm, overheating, etc.
MPPT function	Automatic factory setting
Auto run/stop	Sleep when the light is weak, and wake up when the light is strong
Water level monitor	Sleep when the water is full, and wake up when the water level is low
Certification	
Certification standard	CE

Product Parameters

Voltage	Model	Rated output power (kW)	Max. DC input current (A)	Rated input current (A)	Rated output current (A)	Product dimension (mm)
3PH 380V	CHF200-7R5-4-PV	7.5	30.6	25	18.5	146*256*167
	CHF200-011-4-PV	11	39.2	32	25	170*320*196.3
	CHF200-015-4-PV	15	49	40	32	
	CHF200-018-4-PV	18.5	50	47	38	
	CHF200-022-4-PV	22	60	51	45	200*340.6*184.3
	CHF200-030-4-PV	30	81	70	60	
	CHF200-037-4-PV	37	90	80	75	250*400*202