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

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 (+10%) -4 (+10%) -2 (+10%) -22 (+10%)
Min. work voltage(V) 250 Recommended MPPT voltage(V) 300~750 Recommended input work voltage(V) 550 AC input 3PH 380 (-15%) ~440 (+10%) -4 Input voltage(Vac) 3PH 220 (-15%) ~240 (+10%) -2 Input frequency(Hz) 47~63 AC output Output voltage Output voltage(Vac) 0-input voltage Output frequency(Hz) 0-400 Control performance 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
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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	
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