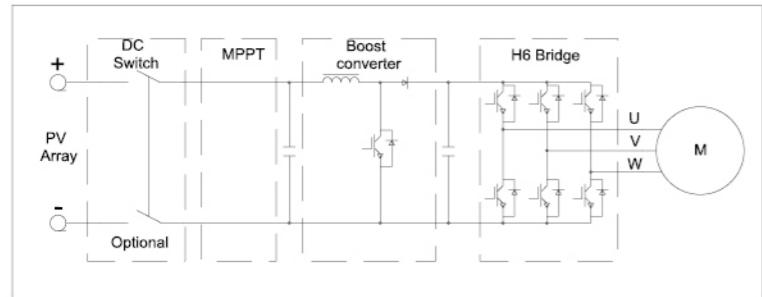


Product Features

- Drive power-matched three-phase AC pump
- Adopt advanced IGBT power module
- High conversion efficiency, low temperature rise, low noise, long lifespan
- Advanced MPPT technology, efficiency>99%
- Fully automatic operation , it can store operation data for 10 years
- Perfect system protection, high reliability
- New design of anodized aluminum case
- LCD display
- Interface:RS485/WiFi
- Modular design, easy to install, operate, maintain

Schematic



Technical Parameters

	EHE-P550L	EHE-P750L	EHE-P1K1L	EHE-P1K5L
DC input	Max. input DC voltage	440Vdc		450Vdc
	Recommended MPPT voltage	85-350Vdc	115-350Vdc	170-350Vdc
	Max. input DC current		7A	10A
	Max. MPPT efficiency		99%	
	Number of strings		1	
AC output	Max. applicable motor output power	0.55kW	0.75kW	1.1kW
	Rated output voltage		220-240Vac 3-phase	
	Output frequency range		0-50/60Hz	
	Rated output current	2.5A	3.5A	5.5A
Mechanical data	Dimcnsion(W/H/D)	180/230/180(mm)		330/450/152(mm)
	Weight	4kg		12kg
System	Max. efficiency	93%	94%	97%
	Protective class		I	
	Protection degree		IP65	
	Environmental temperature	-25°C - +60°C; above 60°C need derate operating		
	Cooling method	Natural cooling		
	Display	LED	LCD	
	Communication interface	RS485/WiFi		
	Altitude	3000m; above 3000m need derate operating		
	Noise emission	< 50dB		
	Compliance	EN 50178; IEC/EN 62109-1; IEC 61800		



CE

Technical Parameters

	EHE-P2K2L	EHE-P3KL	EHE-P3K7L	EHE-P4KL (*)
DC input	Max. input DC voltage	450Vdc		750Vdc
	Recommended MPPT voltage		150-400Vdc	280-600Vdc
	Max. input DC current	14.6A	21A	24.6A
	Max. MPPT efficiency		99%	
	Number of strings		2	
AC output	Max. applicable motor output power	2.2kW	3kW	3.7kW
	Rated output voltage		220-240Vac 3-phase	
	Output frequency range		0-50/60Hz	
	Rated output current	11A	14A	17A
Mechanical data	Dimcnsion(W/H/D)	330/450/152(mm)		265/430/166(mm)
	Weight	12.5kg		7.5kg
System	Max. efficiency		97%	
	Protective class		I	
	Protection degree		IP65	
	Environmental temperature	-25°C - +60°C; above 60°C need derate operating		
	Cooling method	Natural cooling		
	Display	LCD		
	Communication interface	RS485/WiFi		
	Altitude	3000m; above 3000m need derate operating		
	Noise emission	< 50dB		
	Compliance	EN 50178; IEC/EN 62109-1; IEC 61800		

Note: The schematic of EHE-P4KL is the same as EHE-PH series.