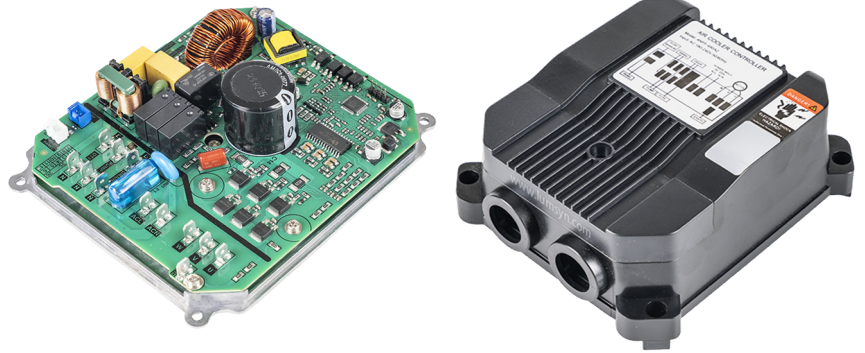


■ **Features :**

- With PFC
- Sensorless closed-loop start
- Sensorless FOC motor control algorithm for low noise
- Real - time voltage - compensated frequency adjustment boosts efficiency
- HMI equipped with RCCB to protect the safety of users
- High Efficiency
- High Reliability
- Fully enclosed plastic case



SPECIFICATION

INPUT	VOLTAGE RANGE	160 ~ 265VAC
	FREQUENCY RANGE	47 ~ 63Hz
	POWER	500W
	CURRENT	3A
	POWER FACTOR	0.99
OUTPUT	OUTPUT CURRENT	Need to match motor
	OUTPUT POWER	Need to match motor
	OUTPUT FREQUENCY	Need to match motor
	FREQUENCY REDUCTION	Need to match motor
CONTROL MECHOD	MOTOR POSITION SENSOR	Sensorless
	CONTROL METHOD	FOC
	START METHOD	Zero-Speed Closed-loop Start
	FORWARD & REVERSE WIND START FUNCTION	Available
	MAXIMUM REVERSE SPEED	Normal
PROTECTION	OVER-CURRENT PROTECTION	Available
	SHORT-CURRENT PROTECTION	Available
	BLOCKING PROTECTION	Available
	OVERLOAD PROTECTION	Available
	PHASE LOSS PROTECTION	Available
	3 PHASE CURRENT UNBALANCE PROTECTION	Available
	START FAILURE PROTECTION	Available
	UNVERNOLTA GE PROTECTION	Available
	OVERVOLTAGE PROTECTION	Available
	OVER TEMPERATURE PROTECTION	Available
	TEMPERATURE SENSOR FAILURE	Available
	COMMUNICATION FAILURE	Available
ENVIRONMENT	WORKING TEMP.	-20 ~ + 50℃
	WORKING HUMIDITY	0% ~ 90%
	STORAGE TEMPERATURE	-20 ~ +85℃
	STORAGE HUMIDITY	10 ~ 95% RH
OTHERS	STANDBY POWER	2.0W
	EFFICIENCY	>94%
	COOLING METHOD	Forced Air Cooling
	NOISE	≤50dbA
	TEMPERATURE SENSOR	Available
	DIMENSION	170*140*65mm

Lumsyn Sales Support & Location.

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