



E600_{0.2 kW - 5,5 kW}

FREQUENCY INVERTER

HIGHLIGHTS

- Best performance/cost ratio, without compromise in reliability and quality
- Compact design, easy to integrate in your environment: DIN rail mounting, contactor-style I/O
- Easy to setup: Simple set of optimized parameters for all basic functions and applications
- PID and HVAC functions - safety integrated - MODBUS - open for networking
- Internal EMC filter as standard: Ready for CE market
- Economical mass production on high automated and dedicated SMT lines
- General purpose drive - made for the worldwide market (CE/UL/CCC)
- Approved and certified by European independent bodies



FRAMESIZE

model	Matched motor(KW)	Rated output current(A)	Frame	Weight (KG)	Cooling mode
E600-0002S2	0,2	1,5	Q2	1,4	self cooling
E600-0004S2	0,4	2,5	Q2	1,4	self cooling
E600-0007S2	0,75	4,5	Q2	1,5	self cooling
E600-0015S2	1,5	7,0	Q2	1,7	self cooling
E600-0022S2	2,2	10,0	Q2	1,9	air cooling
E600-0002T2	0,2	1,5	Q2	1,4	self cooling
E600-0004T2	0,4	2,5	Q2	1,4	self cooling
E600-0007T2	0,75	4,5	Q2	1,5	self cooling
E600-0015T2	1,5	7,0	Q2	1,7	self cooling
E600-0022T2	2,2	10,0	Q2	1,9	air cooling
E600-0002T3	0,2	0,6	Q2	1,4	self cooling
E600-0004T3	0,4	1,2	Q2	1,4	self cooling
E600-0007T3	0,75	2,0	Q2	1,5	self cooling
E600-0015T3	1,5	4,0	Q2	1,7	self cooling
E600-0022T3	2,2	6,5	Q2	1,9	air cooling
E600-0030T3	3	7,0	Q2	1,9	air cooling
E600-0040T3	4	9,0	Q2	2	air cooling
E600-0055T3	5,5	12,0	Q2	2,2	air cooling

LCD REMOTE
KEYPAD FOR
CABINET IP66



PARAMETER
COPY STICK



TECHNICAL DATA

input	Rated voltage	S0: AC 1PH 110V ~ 120V(±15%)
		S2: AC 1PH 220V ~ 240V(±15%)
		T2: AC 3PH 220V ~ 240V(±15%)
		T3: AC 3PH 380V ~ 480V (+10%/-15%)
	Rated frequency	50/60Hz
output	Output voltage	0 ~ Input
	Output frequency	0.50-650.00Hz
Control	Carrier frequency	Fixed carrier frequency of 0.8-10K, random carrier frequency
	Input Frequency Resolution	Digital setting: 0.01Hz, analog setting: max frequency*0.1%
	Control mode	Induction motor: VVVF
	Starting torque	0.5HZ 100% (VVVF)
	Overload	150% for 60 seconds
	Torque Elevating	Manual Torque Promotion 0.1%~30%
	V/Fcurve	3 modes: beeline type, square type and under-defined V/ F curve.
	Starting mode	Direct starting, speed track starting
	DC braking	Braking frequency: 0.0-max frequency
		Braking time: 0.0-60.0 seconds Braking current: 0.0-100%
	Jogging	Jogging frequency range: min frequency~ max frequency, jogging acceleration/ deceleration time: 0.1~3000s
	Auto Circulating Running and multi-stage speed running	Auto circulating running or terminals control can realize 15-stage speed running.
	Built-in PID	Built-in PID
	Auto voltage regulation (AVR)	When source voltage changes, the modulation rate can be adjusted automatically, so that the output voltage is constant.
	Accelerating/ decelerating curve	2 mode: linear mode and S curve
0~3000.0 seconds		
Operation function	Frequency setting	Potentiometer or external analog signal (0 ~ 5V, 0 ~ 10V, 0 ~ 20mA); keypad (terminal) ▲ / ▼ keys, external control logic setting.
	Running Command Channels	3channels: keypad panel set, control terminal set and communication set.
	Frequency Source	Frequency sources: digital set, analog voltage set, analog current set and communication set.
	Accessorial frequency Source	5 kinds of accessorial frequency
	Protection	Output phase loss, input under-voltage, DC over-voltage, over-current, inverter over-load, motor over-load, over-heat, analog line dis connected, grounding fault
	Environment Temperature	-10°C ~ +50°C
	Environment Humidity	Below 90% (no water-bead coagulation)
	Vibration Strength	1g
	Height above sea level	1000m or below (Derate using if over 1000m)
	Cooling mode	Self/ air cooling
	External keypad	1-line LCD keypad
	Copy stick	support
	Communication	Modbus,CAN

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