

EGL33-FC

THREE PHASE 8-24KW

THREE PHASE FREQUENCY CONVERTERS

TECHNICAL SPECIFICATION



EGL33 THREE PHASE FREQUENCY CONVERTER DOUBLE CONVERSION – PURE SINE WAVE



EGL 33 is available in the ratings 8-16-24KW, with on-line double conversion managed by a digital control; for its versatility it is suitable to supply any electrical and electronic system with a frequency of 50 / 60Hz

- **DOUBLE CONVERSION**

A real DOUBLE CONVERSION system which will provide a perfect current, for a high quality voltage supply of your sensitive devices

- **OUTPUT POWER FACTOR ϕ 0.8**

the best Output Power Factor 0.8. They offer high performance and efficiency for critical applications

- **WIDE INPUT RANGE (200 V -500 V)**

EGL33 is able to provide stable and clean power to the connected equipment even in very critical and unstable environments.

- **FREQUENCY CONVERTER FUNCTION 50/60 Hz**

Lock output frequency at 50Hz or 60Hz regardless of input frequency and eliminates the By-Pass

- **FUNCTION (EPO) Emergency Power Off**

This function is used when the drive is switched off by the personnel in case of fire and other emergency situation.

- **OPERATION OF CONTEMPORARY SNMP + USB + RS-232**

This feature allows you to use communication to all USB ports, RS-232 and SNMP simultaneously.

- **POWER FACTOR CORRECTION ON ALL STAGES**

PFC improves the quality of the current consumption and increases the energy efficiency, with the consequent economic savings

- **COMMUNICATION**

Software for all operating systems and network environments. supervision and shutdown platform

GUARANTEE 24 MONTHS



Technical data and images may be subject to a change without notice

EGL33 THREE PHASE FREQUENCY CONVERTER DOUBLE CONVERSION – PURE SINE WAVE

MODEL	EGL3310KFC	EGL3320KFC	EGL3330KFC
POWER	10kVA/8kW	20kVA/16kW	30kVA/24kW
INPUT			
Rated voltage	400Vac +N + PE three phase		
Frequency	from 46 to 54Hz @ 50Hz / 56-64 Hz @ 60Hz		
No. of phases	Three phase + N + earth		
Power Factor	> 0.99 @ 100% load		
THDi	<5% @ 100% load		
OUTPUT			
Rated voltage	3 x 360-380-400-415Vac three phase + N + earth		
Output accuracy	± 1%		
Inverter Frequency	50 ± 0.1 Hz or 60Hz ± 0.1Hz		
Crest Factor	3 : 1		
Harmonic Distortion	< 2% THD (linear load) < 6% THD (non linear load)		
Wave form	Pure Sine Wave		
Efficiency	89%		
PROTECTIONS			
Display signals	Status, in/out voltage / frequency		
Overload	2 beeps per second		
Fault	Continuous beep		
OTHER DATA			
Humidity	0-90% without condensation (0°C - 40°C)		
Noise Level	<58 dBA at 1 mt.	<60 dBA at 1 mt.	
Dimensions mm.	592x250x826		815x250x826
Net weight kg.	38	40	64
RS-232 / USB interface	Software compatible with Windows, Novell, Linux, FreeBSD		
SNMP (optional)	SNMP Power Manager and web browser		

MAX ACCEPTABLE LOAD CURRENT IS LIMITED TO RATED CURRENT.

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