

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



Dimensions and weight may be subject to a change without notice

K-FACTOR SRL unipersonale - Via Giotto 9 – 42014 Castellarano (RE) - Italy - VAT# IT 02422010369

R.E.A. of Reggio Emilia: n. 286968 – Company registration number of RE: 02422010369

Tel +39-0536261380 – Fax +39-0536261381 - e-mail: info@kfactor.it - <http://www.kfactorsrl.it>

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.

Dimensions and weight may be subject to a change without notice