

FREQUENCY CONVERTERS THREE TO SINGLE PHASE EGL3T – DOUBLE CONVERSION



MAIN FEATURES

EGL3T series is available in capacities from 8kW to 16 KW THREE to SINGLE PHASE, with on-line double conversion and digital control. This frequency converter 50/60Hz, for its versatility, is suitable for powering any electrical and electronic system even in critical situations, or in combination with the use of motor current generators. It is set before shipment from the customer's request output frequency.

FEATURES

A real DOUBLE CONVERSION unit which will provide a perfect current for proper high-quality power to your sensitive devices, such as PC Networks (Network), small computer centers, servers, telecommunications, healthcare equipment / hospital, and industrial applications.

OUTPUT POWER FACTOR ϕ 0.8

Comparing this ON-LINE line with the competition in the current market, we can say that the EGL3T systems have the best output power factor 0.8. They offer high performance and efficiency for critical applications

WIDE INPUT RANGE (110 V -300 V)

EGL3T is able to provide stable and clean power to the connected equipment even in very critical and unstable environments.

(EPO) Emergency Power Off FUNCTION

This function 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 (optional SNMP card).

COMMUNICATION

Software for all operating systems and network environments, supervision platform and shut-down UPSILON 2000

GUARANTEE 24 MONTHS

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EGL3T – DOUBLE CONVERSION

MODEL	EGL3t10k-CONV	EGL3t20k-CONV
RATED POWER	10000VA/8000W	20000VA/16000W
INPUT		
Rated voltage	400Vac	
Low voltage deactivation (L-N)	176Vac @ 100% load - 110Vac @ 50% load	
Restore voltage	186Vac @ 100% load - 120Vac @ 50% load	
High voltage deactivation (L-N).	300Vac ±3%	
Restore voltage	290Vac ±3%	
Frequency	from 46 to 54Hz @ 50Hz / 56-64 Hz @ 60Hz	
No oh phases	three phase + N + PE	
Power factor	>0.99 @ 100% carico	
OUTPUT		
Voltage	230Vac single phase	
Output accuracy	± 1%	
Wave form	Sine wave	
Crest factor	3 : 1	
Harmonic distortion	< 2% THD (linear load) - <6% THD (non linear load)	
Inverter frequency	50 ± 0.1 Hz or 60Hz ± 0.1Hz	
Efficiency	90%	
PROTECTIONS		
Display signals	converter state, load %, in/out voltage, fault	
Overload	two beep per second	
Fault	continuous beep	
OTHER DATA		
Acceptable humidity	20-90% without condenstation (0°C - 40°C)	
Noise	<45 dBA at 1 mt.	<60 dBA at 1 mt.
Dimensions mm	592x250x576	862x250x826
Weight kg.	40	50
Interface RS-232 / USB	management software compatible with Windows, Linux, Novell, FreeBSD	
SNMP (optional)	Power management from SNMP Manager and web browser	

dimensioni e pesi sono solo indicativi e possono essere variati in qualsiasi momento senza alcun preavviso

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2008
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