



# ESL-10EI 500-10EI

Type	500-10EI
Input voltage variation	±10 %
Rated power	500 kVA
Input voltage range	Vout ±10%
Max input current	802 A
Reference voltage	400 V
Max output current	722 A
Efficiency	>99 %
Adjustment speed	24-64 ms/V
Dimensions WxDxH	1600x800x2200mm
Weight	1070 kg

## Standard features

Adjusting energy parameters	Independent phase control
Selectable target voltage	from 210V to 240V (L-N) / from 364V to 416V (L-L)
Frequency	50Hz ±5% or 60Hz ±5%
Output voltage accuracy	±0,5%
Admitted load variation	Up to 100%
Admitted load imbalance	100 %
Cooling	Natural ventilation (from 35°C aided with fans)
Ambient temperature	-25/+45°C
Storage temperature	-25/+60°C
Max relative humidity	<95% (non condensing)
Admitted overload	200% 2min.
Harmonic distortion	None introduced
Colour	RAL 7035
Protection degree	IP 21
Instrumentation	EnerCloud Platform
Installation	Indoor
Overvoltage protection	Class I input surge arrestors Class II output surge arrestors Optimal voltage return through supercapacitors in case of black-out

## Additional protection

Electronic automatic by-pass system  
Emergency manual by-pass system  
Integral exclusion by-pass system  
Input circuit breaker