



# ESL-10EI 1600-10EI

Type	1600-10EI
Input voltage variation	±10 %
Rated power	1600 kVA
Input voltage range	Vout ±10%
Max input current	2566 A
Reference voltage	400 V
Max output current	2309 A
Efficiency	>99 %
Adjustment speed	24-64 ms/V
Dimensions WxDxH	4200x1000x2300mm
Weight	3200 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 protections

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