



ESL-10I 500-10I

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| Type | 500-10I |
| 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 | 1050 kg |

Standard Features

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| 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 Input circuit breaker |