

MODELS	ELS - 100	ELS - 120	ELS - 160	ELS - 200	ELS - 250	ELS - 300	ELS - 400	ELS - 500	ELS - 600	ELS - 700	ELS - 800
INPUT											
Nominal voltage	380 - 400 - 415 Vac three-phase										
Frequency	45 - 65 Hz										
Power factor	> 0.99										
Harmonic current distortion	<3% THDi										
Soft start	0 - 100% in 120" (selectable)										
Frequency tolerance	± 2% (selectable from ± 1% to ± 5% from front panel)										
Standard equipment provided	Back Feed protection; separable bypass line										
BYPASS											
Nominal voltage	380-400-420 Vac three-phase + N										
Nominal frequency	50 or 60 Hz (selectable)										
OUTPUT											
Nominal power (kVA)	100	120	160	200	250	300	400	500	600	700	800
Active power (kW)	90	108	144	180	225	270	360	450	540	630	720
Number of phases	3 + N										
Nominal voltage	380 - 400 - 415 Vac three-phase + N (selectable)										
Static stability	± 1%										
Dynamic stability	± 5% in 10 ms										
Voltage distortion	< 1% with linear load / < 3% with non-linear load										
Crest factor	3:1 (peak/rms)										
Frequency stability on battery	0.05%										
Frequency	50 or 60 Hz (selectable)										
Overload	110% for 60'; 125% for 10'; 150% for 1'										
BATTERIES											
Type	VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels										
Ripple current	Zero										
Recharge voltage compensation	-0.5 Vx°C										
INFO FOR INSTALLATION											
Weight [kg]	656	700	800	910	1000	1400	1700	2100	2400	2800	3200
Dimensions (WxDxH) (mm)	800 x 850 x 1900	800 x 850 x 1900	1000 x 850 x 1900	1000 x 850 x 1900	1000 x 850 x 1900	1500 x 1000 x 1900	1500 x 1000 x 1900	2100 x 1000 x 1900	2100 x 1000 x 1900	2400 x 1000 x 1900	2700 x 1000 x 1900
Remote signals	dry contacts (configurable)										
Remote controls	ESD and bypass (configurable)										
Communications	Double RS232 + dry contacts + 2 slots for communications interface										
Operating temperature	0 °C / +40 °C										
Relative humidity	<90% non-condensing										
Noise level at 1 m	63 - 68 dBA						70 - 72 dBA				
IP rating	IP20 (others on request)										
Smart Active efficiency	up to 98.5%										
Standards	Safety: EN 62040-1-1 (Directive 2006/95/EC); EMC: EN 62040-2 (Directive 2004/108/EC)										
Classification (IEC 62040-3)	(Voltage Frequency Independent) VFI - SS - 111										