

STARLUX (EMERGENCY POWER SUPPLY 1-10KVA)



- High frequency IGBT Inverter
- Single phase input
- Single phase sinewave output
- Solation transformer on the inverter output
- High DC/AC efficiency with PFC circuit on the output
- Microprocessor management with Auto-Diagnostics
- LCD display for more clear information about the status
- Automatic on/off weekly timer
- Automatic and manual battery test (emergency version)
- Transfer time less than 200msec
- Rescue or emergency operation (SA/SE) selectable
- Possibility of connection for any user normally destined for security
- Batteries Long Life 10 years expected (according to EN50171)

Optional

- Contact interface
- Communication interface (RS-232) and management software
- USB interface
- Kit Ethernet SNMP adapter and related software
- Remote synoptic LCD remote
- Relay alerts and status communication card
- Manual by-pass
- Emergency Power Off contact (E.P.O.) for immediate stop
- Possible starting even without input power
- Double out possibility (SA+SE)
- DC output
- On-Line technology version

STARLUX MODEL		10	15	20	30	40	50	60	80	100
POWER	NOMINAL POWER (KVA)	1	1,5	2	3	4	5	6	8	10
	POWER ACTIVE (KW)	0,9	1,35	1,8	2,7	3,6	4,5	5,4	7,2	9
INPUT	VOLTAGE INPUT	230Vac +10/-20%								
	FREQUENCY INPUT	50Hz +/-5%								
OUTPUT	VOLTAGE OUTPUT	Present mains : mains voltage On batteries: 230 Vac +/- 0,5%								
	FREQUENCY OUTPUT	present mains : synchronized to mains On batteries: 50Hz +/- 0,005%								
	OVERLOAD	110% for 60 sec. - 130% for 10 sec. – short circuit management								
	WAVE FORM	Sine wave								
	VOLTAGE DISTORSION (THD)	< 3% (linear load)								
	EFFICIENCY at full load	Present mains > 98%; on batteries mode > 91%								
BATTERIES	BACK-UP TIME	See the detailed tables								
	RECHARGE TIME	8h								
GENERAL NOTES	NOISE (dbA at 1 metre)	< 40								
	WORKING TEMPERATURE	from 0 to 40 °C								
	RELATIVE HUMIDITY (non condensing)	to 90% no condensing								
	DIMENSIONS (W X D X H) mm	420 x 660 x 638 • 420 x 660 x 908 • 420 x 660 x 1178 (see the detailed tables)								
	PACKING DIMENSIONS (W X D X H) mm	500 x 740 x 780 • 500 x 740 x 1050 • 500 x 740 x 1320								
	WEIGHT (KG)	See the detailed tables								
PROTECTION	STANDARDS	Safety EN 62040-1-2, EMC EN 62040-2, CSS EN 50171								
	ELECTRONICS	overload – short circuit – low battery								
	ELECTRIC	Input and batteries fuses – circuit breaker output								
	MECHANICAL	IP21								
SEGNAL	OPTICAL	Functional emergency power system status - overload – low battery								
	SOUNDS ALERT	Mains fail – low batteries - overload – test battery								



POWER	MODEL	CODE	AUT. (min.)	OVERALL (WxDxH)	WEIGHT (Kg)
1000VA 900W	STARLUX10-10	4N1000-10	10'	420 x 660 x 638	100
	STARLUX10-30	4N1000-30	30'	420 x 660 x 638	110
	STARLUX10-60	4N1000-60	60'	420 x 660 x 638	121
	STARLUX10-90	4N1000-90	90'	420 x 660 x 638	143
	STARLUX10-120	4N1000-120	120'	420 x 660 x 908	173
	STARLUX10-180	4N1000-180	180'	420 x 660 x 908	208
1500VA 1350W	STARLUX15-30	4N1500-30	30'	420 x 660 x 638	129
	STARLUX15-60	4N1500-60	60'	420 x 660 x 638	148
	STARLUX15-90	4N1500-90	90'	420 x 660 x 908	178
	STARLUX15-120	4N1500-120	120'	420 x 660 x 638	200
	STARLUX15-180	4N1500-180	180'	420 x 660 x 1178	263
2000VA 1800W	STARLUX20-10	4N2000-10	10'	420 x 660 x 638	118
	STARLUX20-30	4N2000-30	30'	420 x 660 x 638	151
	STARLUX20-60	4N2000-60	60'	420 x 660 x 638	190
	STARLUX20-90	4N2000-90	90'	420 x 660 x 638	203
	STARLUX20-120	4N2000-120	120'	420 x 660 x 1178	266
	STARLUX20-180	4N2000-180	180'	420 x 660 x 908	324
3000VA 2700W	STARLUX30-10	4N3000-10	10'	420 x 660 x 638	134
	STARLUX30-30	4N3000-30	30'	420 x 660 x 908	183
	STARLUX30-60	4N3000-60	60'	420 x 660 x 638	205
	STARLUX30-90	4N3000-90	90'	420 x 660 x 908	276
	STARLUX30-120	4N3000-120	120'	420 x 660 x 908	326
	STARLUX30-180	4N3000-180	180'	420 x 660 x 1178	447
4000VA 3600W	STARLUX40-10	4N4000-10	10'	420 x 660 x 638	142
	STARLUX40-30	4N4000-30	30'	420 x 660 x 908	200
	STARLUX40-60	4N4000-60	60'	420 x 660 x 1178	285
	STARLUX40-90	4N4000-90	90'	420 x 660 x 1178	345
	STARLUX40-120	4N4000-120	120'	420 x 660 x 908 + 420 x 660 x 1178	203 _↓ 268
	STARLUX40-180	4N4000-180	180'	420 x 660 x 908 + 420 x 660 x 1178	280 _↓ 345 ₊
5000VA 4500W	STARLUX50-10	4N5000-10	10'	420 x 660 x 638	154
	STARLUX50-30	4N5000-30	30'	420 x 660 x 908	217
	STARLUX50-60	4N5000-60	60'	420 x 660 x 1178	297
	STARLUX50-90	4N5000-90	90'	420 x 660 x 1178	378
	STARLUX50-120	4N5000-120	120'	420 x 660 x 908 + 420 x 660 x 1178	220 _↓ 291
	STARLUX50-180	4N5000-180	180'	420 x 660 x 908 + 420 x 660 x 1178	307 _↓ 378 ₊
6000VA 5400W	STARLUX60-10	4N6000-10	10'	420 x 660 x 638	156
	STARLUX60-30	4N6000-30	30'	420 x 660 x 1178	293
	STARLUX60-60	4N6000-60	60'	420 x 660 x 1178	380
	STARLUX60-90	4N6000-90	90'	420 x 660 x 908 + 420 x 660 x 1178	220 _↓ 293 ₊
	STARLUX60-120	4N6000-120	120'	420 x 660 x 908 + 420 x 660 x 1178	307 _↓ 380 ₊
	STARLUX60-180	4N6000-180	180'	420 x 660 x 368 + 810 x 880 x 1400 +	92 _↓ 625 ₊
8000VA 7200W	STARLUX80-10	4N8000-10	10'	420 x 660 x 908	209
	STARLUX80-30	4N8000-30	30'	420 x 660 x 1178	385
	STARLUX80-60	4N8000-60	60'	420 x 660 x 908 + 420 x 660 x 1178	220 _↓ 297 ₊
	STARLUX80-90	4N8000-90	90'	420 x 660 x 908 + 420 x 660 x 1178	307 _↓ 385 ₊
	STARLUX80-120	4N8000-120	120'	420 x 660 x 368 + 810 x 880 x 1400 +	96 _↓ 625 ₊
10000VA 9000W	STARLUX100-10	4N10000-10	10'	420 x 660 x 908	228
	STARLUX100-30	4N10000-30	30'	420 x 660 x 1178	390
	STARLUX100-60	4N10000-60	60'	420 x 660 x 908 + 420 x 660 x 1178	220 _↓ 302 ₊
	STARLUX100-90	4N10000-90	90'	420 x 660 x 908 + 420 x 660 x 1178	307 _↓ 390 ₊

Options

CODE	TYPE
7001	Remote synoptic with 15mt cable
7002-IN	Relay alarm communication card inside the E.P.S. (when ordering)
7002	External relay alarm communication board (requires the addition of accessory 7012)
70031	Internal SNMP Ethernet interface (when ordering)
7003	External SNMP Ethernet interface (requires the addition of the 7007R accessory)
7006-70	Manual bypass for StarLux10-80
7006-140	Manual bypass for StarLux100
7007R	RS232 communication interface
7011M	Contact for emergency button (E.P.O.) for immediate inverter stop
7012	Contacts interface
7018	USB interface
EPA080020S	Box with 20 to 12V-80h batteries and safety breaker
7030	Battery Start button
70051M	Possibility of double output SA + SE for StarLux10-15
70052M	Possibility of double output SA + SE for StarLux20
70053M	Possibility of double output SA + SE for StarLux30
70SS-70D	Possibility of double output SA + SE for StarLux40-50-60
70SS-140D	Possibility of double output SA + SE for StarLux80-100
70056CB	Additional battery charger (recommended for high autonomy)
70054OL	Online version for StarLux10-15
70055OL	Online version for StarLux20-30