

UPS-LXS-SC IP



MAIN FEATURES

- **Long cycle life (up to 20,000 cycles*)** for exceptional long term durability
- **Low-maintenance sealed AGM Super Cycle technology** for consistent operation
- **Stable performance in harsh, sub-zero environments** for dependable use
- **High power pulse capability** for demanding peak loads
- **Deep-discharge tolerant (DOD 100%)** for maximum robustness
- **Low self-discharge rate ideal** for standby UPS systems
- **Lightweight design** for easy integration in any application



UPS-LXS-SC IP TECHNICAL SPECIFICATIONS

ELECTRICAL FEATURES

- Input: Single-phase 115 – 277 VAC; 600W
- Output Load: Power supply 24 VDC; 25 A
Maximum output load: 600 W
- Storage capacity: 72Ah (1,86 kWh)
- Protected against short circuit and inverted Batt. polarity
- Insulation voltage (IN/OUT): 3000 Vac
- Insulation voltage (Input/Earth, PE): 2000 Vac
- Insulation voltage (Out Load & Battery / Earth, PE): 500 Vac
- Insulation voltage (Out Load, Battery, Aux2/ Fault System & Main or Back Up terminal): 500Vac
- Max voltage at full battery: 28.8V
- Discharge Cut-off Voltage: 20,3V
- Projected cycle life (25°C): 20 000 times*

*(on battery)

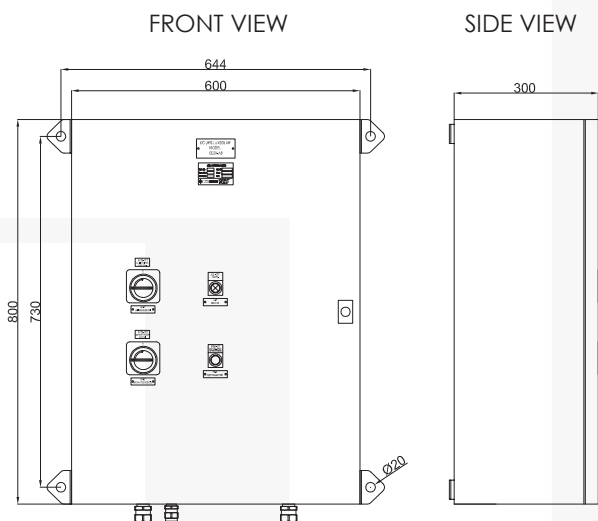
COMMUNICATION E ALARMS

- Mains / backup status (AC OK / Battery Mode) via dry contact;
- Low battery condition via dry contact;
- Battery or system fault (general alarm) via dry contact ;
- Input power status indication available for monitoring
- Fault System/Low Battery: C NC NO
- Main or Back Up: C NC NO

ORDER CODE

- UPS-LXS-SC IP

TECHNICAL DRAWING



MECHANICAL PARAMETERS

- Steel enclosure with textured polyester coating, 80 µm thickness, RAL 7035
- Dimensions: 800mm X 600mm X 300mm
- Total weight: 60 kg
- Degree of Protection: IP66
- Breather/Drain
- Cable glands (IN, OUT, Signal)

GENERAL DATA

- UPS input manual switch
- Manual battery cut-off switch
- Push Button "Start from Battery"
- Signal light "active panel"
- Input Protection: MCB 16A
- Output Protection, MCB 32 A
- Battery Protection, FUSE 32 A

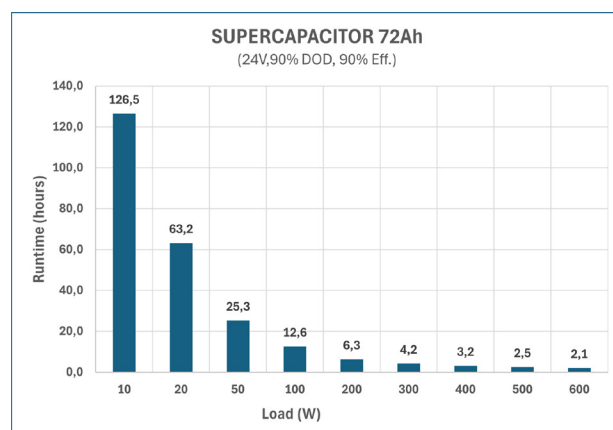
CLIMATIC DATA

- Ambient temperature: -20°C ÷ 55°C (upon request, available -50°C, with heater)
- Humidity at 25 °C, no condensation: 90%
- Charge temperature 0°C/+55°C
- Discharge temperature -20°C/+55°C

CONFORMITY

- Low Voltage Directive 2014/35/EU
- Integrated CBI charger (IEC 61000-6 compliant)
- CE marking according to applicable EU Directives

UPS RUNTIME



*Estimated durations valid for ideal conditions.