



SLC TWIN PRO2 T

On-line double conversion UPS 6 and 10 kVA

SLC TWIN PRO2 T: Enhanced protection for mid-range systems with single-phase power supply

SALICRU's **SLC TWIN PRO2 T** series UPS systems feature on-line double conversion technology, currently the most advanced for the protection of critical systems as it provides a fully stabilised and filtered sinusoidal supply voltage. The systems come in a tower format and are available in power ratings of 6 and 10 kVA.

The SALICRU **SLC TWIN PRO2 T**'s with monophasic or biphasic input, it has an output transformer with a medium socket (220/120 VAC). They provide a unit output power factor, the most optimal for systems and environments with high energy needs. Adaptability is another important feature thanks to the numerous operating modes available: On-line, Batteries, Eco-mode, Bypass, Frequency converter and Parallel redundant.

The possibilities of control and monitoring are varied: on the one hand, an LCD display + keypad for local operation of the device, and, on the other, various communication options (USB and RS-232 interfaces, and slot for SNMP, RS-485 and AS-400 cards) that enable the UPS to be integrated into standard or virtualised platforms for management, incident notification and remote maintenance.

Features

- On-line double conversion and DSP control technology.
- Output power factor PF=1.
- Compact tower format for space saving.
- Active power factor corrector for all input phases.
- Multiple operating modes for better adaptability.
- Equipped for parallel operation as standard, up to 3 devices.
- USB and RS-232 interface for all models as standard.
- Monitoring software for Windows, Linux, Unix and Mac (downloadable).
- Intelligent slot for SNMP/RS-485/optocoupler cards.
- Eco-mode operation for increased efficiency.
- Backup extensions available for all power ratings.
- EPO – emergency power off.
- Manual and/or automatic programmable battery test.
- SLC Greenergy solution.



SLC TWIN PRO2 T

Applications: Maximum continuity protection for sensitive and critical systems

SALICRU's **SLC TWIN PRO2 T** series is the best option for providing a secure power supply to ERP systems, Business Intelligence, CRM solutions, intranets/extranets and corporate networks in the event of a wide range of possible disturbances (micro power outages, voltage fluctuations, frequency variations, harmonics, transients, etc.), which can cause irreparable damage or incur high costs in all of these critical systems.



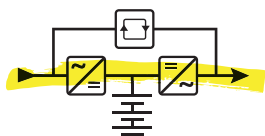
SLC TWIN PRO2 T



On-line double conversion UPS 6 and 10 kVA

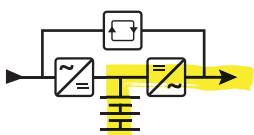
OPERATING MODES

On-line double-conversion



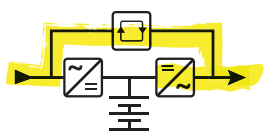
Double voltage conversion (AC/DC + DC/AC), providing the best degree of safety to loads.

Batteries



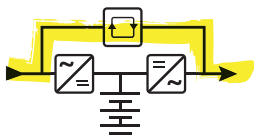
In the event of power failure, the loads continue to be powered by means of batteries.

Eco-mode



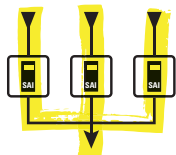
Increased efficiency up to 99%, with immediate availability of full power.

Bypass



In the event of any eventuality (incident, overload, etc.), the loads continue to be powered by the input voltage.

Parallel redundant



Increased safety (N+1) or capacity, with configurations of up to 3 devices.

TECHNICAL SPECIFICATIONS

| MODEL | | SLC TWIN PRO2 T | |
|-----------------|---|--|---------|
| TECHNOLOGY | | On-line, double conversion, PFC with double DC bus | |
| FORMAT | | Tower | |
| INPUT | Rated voltage | 208/220/230/240V ⁽¹⁾ | |
| | Voltage range | 110 ÷ 300 V ⁽²⁾ | |
| | Frequency | 50 / 60 Hz | |
| | Frequency range | ±10% | |
| | Power factor | ≥0.99 | |
| | Total harmonic distortion (THDi) | <4% | |
| OUTPUT | Power factor | 1 | |
| | Rated voltage | 104/110/115/120 VAC or 208/220/230/240 V | |
| | Voltage accuracy | ±1% | |
| | Synchronisation | with mains | ±4 Hz |
| | | without mains | ±0.1 Hz |
| | Performance (normal mode) | >90% | |
| | Total harmonic distortion (THDv) (according to EN 62040-3) | ≤1% linear load; ≤4% non-linear load | |
| | Permissible overloads (normal mode) | Up to 110% for 10 min; 130% for 1 min | |
| | Crest factor | 3 to 1 | |
| | Parallel | Yes, up to 3 units | |
| | Programmable priority outputs | Yes | |
| BYPASS | Type | Static | |
| | Transfer time | Nil | |
| MANUAL BYPASS | | Yes | |
| BATTERY | Battery type | Pb-Ca sealed, AGM, maintenance-free | |
| | Protection | Against power surges, undervoltages and alternating current components | |
| CHARGER | Charge type | I/U (constant current/constant voltage) | |
| | Recharge time | 7 ÷ 9 hours to 90% | |
| | Temperature voltage compensation | Yes | |
| COMMUNICATION | Ports | USB, RS-232 | |
| | Monitoring software | Downloadable for Windows, Unix, Linux and Mac | |
| | Intelligent slot | Yes | |
| OTHER FUNCTIONS | Eco-mode | Yes | |
| | Frequency converter | Yes ⁽³⁾ | |
| | Cold start | Yes | |
| GENERAL | Operating temperature | 0°C ÷ 40°C | |
| | Relative humidity | Up to 95%, non-condensing | |
| | Operating altitude | 2,400 masl (power degradation up to 5,000 m) | |
| | Noise level at 1 metre | <55 dB ÷ <58 dB | |
| STANDARDS | Safety | IEC 62040-1 / UL1778 / CSA C22.2 | |
| | Electromagnetic compatibility (EMC) | IEC 62040-2 / CFR47 FCC Part 15, Subpart B, Class A | |
| | Operation | VFI in accordance with EN 62040-3 | |
| | Quality and Environmental Management | ISO-9001 and ISO-14001 | |

(1) Power reduction to 90% for 208 V input

(2) At 110Vac at 50% load

(3) Up to 60% charge

Information subject to change without notice.

RANGE

| MODEL | CODE | POWER (VA / W) | DIMENSIONS (D x W x H mm) | WEIGHT (kg) | INPUT/ OUTPUT |
|-----------------------|-------------|-------------------|------------------------------|----------------|------------------|
| SLC 6000 TWIN PRO2 T | 699CB000017 | 6,000 / 6,000 | 592 X 250 X 826 | 105 | I / I |
| SLC 10000 TWIN PRO2 T | 699CB000018 | 10,000 / 10,000 | 592 X 250 X 826 | 135 | I / I |

@salicru_en

www.linkedin.com/company/salicruen/

+34 938 482 400 WWW.SALICRU.COM

AVDA. DE LA SERRA 100 · 08460 PALAUTORDERA · SPAIN · FAX +34 93 848 11 51 · salicru@salicru.com

SALICRU