

SLC TWIN PRO2 T UL

On-line double conversion UPS 6 and 10 kVA with PF=1

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

Salicru's **SLC TWIN PRO2 T UL** 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 UL**'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.



Applications: Maximum continuity protection for sensitive and critical systems

Salicru's **SLC TWIN PRO2 T UL** 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.



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Performances

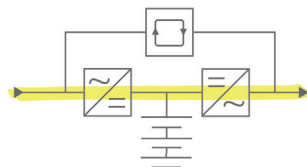
- On-line double conversion and DSP control technology.
- Output power factor $PF=1$.
- Compact tower format for space saving.
- Active power factor corrector for all input phases.
- Multiple operating modes for better adaptability.
- Equipped for parallel operation as standard, up to 3 devices.
- USB 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 Greenenergy solution.



Operating modes

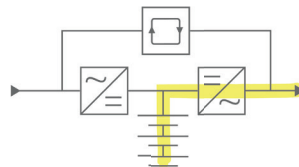
On-line double-conversion

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



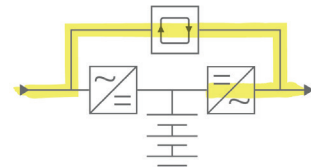
Batteries

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



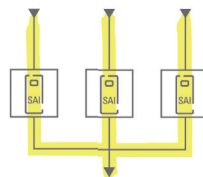
Eco-mode

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



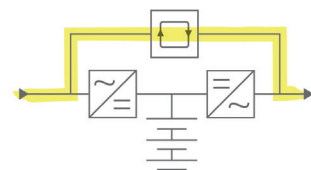
Parallel redundant

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



Bypass

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



UL and FCC certifications

SLC TWIN PRO2 T UL series are certified for CANADA and USA markets.



Range

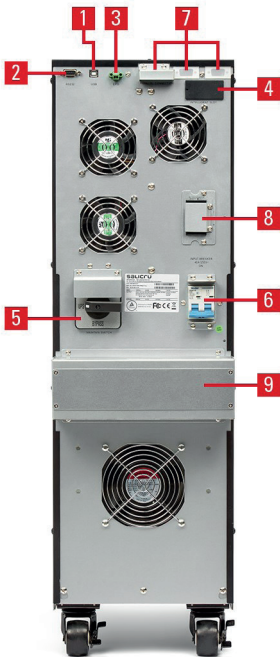
MODEL	CODE	POWER (VA / W)	DIMENSIONS (D × W × H mm)	WEIGHT (Kg)	INPUT /OUTPUT
SLC-6000-TWIN PRO2 T UL	699CB000017	6000 / 6000	631 × 250 × 826	117	I / I
SLC-10000-TWIN PRO2 T UL	699CB000018	10000 / 10000	631 × 250 × 826	142	I / I

Dimensions



SLC 6000/10000 TWIN PRO2 T UL

Connections



1. USB interface.
2. RS-232 interface.
3. Emergency stop (EPO).
4. Intelligent slot.
5. Manual Bypass.
6. Input protector.
7. Parallel ports.
8. Connection for battery module .
9. Terminal cover.

SLC 6000/10000 TWIN PRO2 T UL

Technical specifications

MODEL		SLC TWIN PR02 T UL
TECHNOLOGY		On-line, double conversion, PFC with double DC bus
FORMAT		Tower
INPUT	Rated voltage	208 / 220 / 230 / 240 V AC ⁽¹⁾
	Voltage range	110 ÷ 300 V AC ⁽²⁾
	Rated frequency	50 / 60 Hz (auto-detection)
	Frequency range	± 10%
	Total harmonic distortion (THDi)	<4%
	Power factor	≥ 0.99
OUTPUT	Power factor	1
	Rated voltage	120 - 0 - 120 V AC±1%
	Voltage accuracy	± 1 %
	Total harmonic distortion (THDv)	< 1 %
	Linear load	
	Total harmonic distortion (THDv) Non linear load	< 4 %
	Synchronised frequency	±4 Hz
	Free running frequency	±0,1 Hz
	On-line performance	> 90 %
	Admissible overloads in-line mode	Up to 110% for 10 min; 130% for 1 min
	Crest factor	2,6 a 1
	Parallel	Yes, up to 3 units
BYPASS	Type	Static
	Transfer time	Nil
MANUAL BYPASS	Type	No breaks
BATTERY	Protection	Against power surges, undervoltages and alternating current components
	Battery type	Pb-Ca sealed, AGM, maintenance-free
	Charge type	I/U (constant current/constant voltage)
	Recharge time	7 ÷ 9 hours to 90%
CHARGER	Temperature voltage compensation	Yes
COMMUNICATION	Ports	USB and RS-232
	Intelligent slot	Yes
	Monitoring software	Downloadable for Windows, Unix, Linux and Mac
OTHER FUNCTIONS	Cold start (start-up from batteries)	Yes
OPERATING MODES	Eco-mode	Yes
	Frequency converter (CVCF)	Yes ⁽³⁾
GENERAL	Operating temperature	0° C ÷ 40° C
	Relative humidity	Up to 95%, non-condensing
	Maximum operating altitude	2,400 masl (power degradation up to 5,000 m)
	Acoustic noise at 1 metre	<55 dB ÷ <58 dB
STANDARDS	Safety	IEC 62040-1 / UL1778 5th edition / CSA C22.2
	Electromagnetic compatibility (EMC)	IEC 62040-2 / CFR47 FCC Part 15, Subpart B, Class A
	Operation	VFI-SS-11 (EN-62040-3)
	Quality and environmental management	ISO-9001 & ISO-14001

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

(2) At 110Vac at 50% load

(3) Up to 60% charge



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