



SLC TWIN PRO2 On-line double conversion UPS of 6 kVA

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

SALICRU's SLC TWIN PRO2 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 system is available in a compact tower format.

The SALICRU SLC TWIN PRO2's output voltage is always single-phase, featuring a single-phase input of 6 kVA. This device with single-phase input provides a unitary output power factor, the most optimum for systems and environments with high energy.

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 HID and RS-232 interfaces, and slot for SNMP, RS-485 and AS-4000) that enable the UPS to be integrated into standard or virtualised platforms for management, incident notification and 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.
- Frequency conversion function.
- EPO – emergency power off.
- Manual and/or automatic programmable battery test.
- SLC Greenergy solution.



SLC TWIN PRO2

Applications: Maximum continuity protection for sensitive and critical systems

SALICRU's SLC TWIN PRO2 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-outages, voltage fluctuations, frequency variations, harmonics, transients, etc.), which can cause irreparable damage or high costs in all of these critical systems.



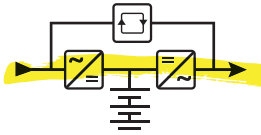
SLC TWIN PRO2



On-line double conversion UPS of 6 kVA

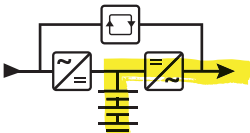
OPERATING MODES

On-line double-conversion



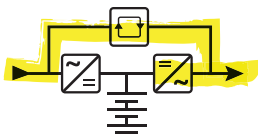
Double voltage conversion (AC/DC + DC/AC), providing the best degree of safety to loads.

Batteries



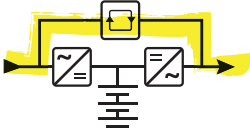
In the event of power failure, the loads continue to be powered by means of batteries.

Eco-mode



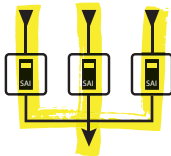
Increased efficiency up to 99%, with immediate availability of full power.

Bypass



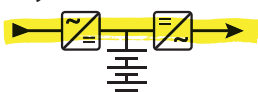
In the event of any eventuality (incident, overload, etc.), the loads continue to be powered by the input voltage.

Parallel redundant



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

Frequency converter



Adaptation of the output frequency to the needs of the load (50/60 Hz or 60/50 Hz).

TECHNICAL SPECIFICATIONS

MODEL		SLC TWIN PRO2 6 kVA	
TECHNOLOGY		On-line, double conversion, PFC with double DC bus	
FORMAT		Tower	
INPUT	Rated voltage	208 / 220 / 230 / 240V	
	Voltage range	110 ÷ 276 V ⁽¹⁾	
	Frequency	50 / 60 Hz	
	Frequency range	±10%	
	Power factor	≥0.99	
	Total harmonic distortion (THDi)	<4%	
OUTPUT	Power factor	1	
	Rated voltage	208 / 220 / 230 / 240V	
	Voltage accuracy	±1%	
	Synchronisation	with mains	±4 Hz
		without mains	±0.1 Hz
	Performance (normal mode)	93% ÷ 94%	
	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 ⁽³⁾	
	Programmable priority outputs	No	
BYPASS	Type	Hybrid	
	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 and relay	
	Monitoring software	Downloadable for Windows, Unix, Linux and Mac	
	Intelligent slot	Yes, ready for SNMP / AS400 / RS485-Modbus	
OTHER FUNCTIONS	Eco-mode	Yes	
	Frequency converter	Yes ⁽⁴⁾	
	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	<58 dB ÷ <60 dB	
STANDARDS	Safety	EN 62040-1; EN 60950-1	
	Electromagnetic compatibility (EMC)	EN 62040-2 Category C3	
	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
(4) Power reduction to 60%

(2) With 50% load

(3) Power reduction to 90%

Information subject to change without notice.

SALICRU
Authorized Distributor

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