



# SLC TWIN PRO2 On-line double conversion UPS of 10kVA

**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 comes in a tower format.

The SALICRU SLC TWIN PRO2's output voltage is always single-phase featuring a single-phase input of 10 kVA. This device with single-phase input provides a unitary output power factor, the most optimum 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 HID 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
- Frequency conversion filter
- EPO – emergency power off.
- Manual and/or automatic programmable battery test.
- SLC Greenegy 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 secure power supply to ERP systems, Business Intelligence, CRM solutions, intranets/extranets and corporate networks in the event of a wider 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.



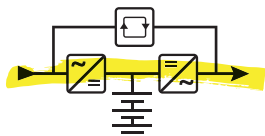
# SLC TWIN PRO2



## On-line double conversion UPS of 10kVA

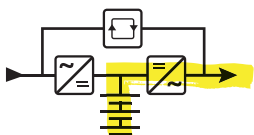
### OPERATING MODES

#### On-line double-conversion



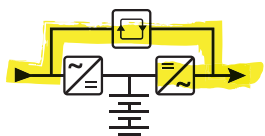
Double voltage conversion (AC/DC + DC/AC), providing the best degree of safety to loads.

#### Batteries



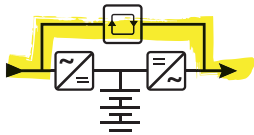
In the event of power failure, the loads continue to be powered by means of batteries.

#### Eco-mode



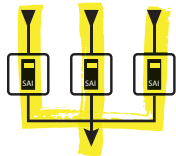
Increased efficiency up to 99%, with immediate availability of full power

#### Bypass



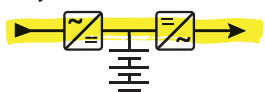
In the event of any eventuality (incident, overload, etc.), the loads continue to be powered by the input voltage.

#### 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 10 kVA	
TECHNOLOGY		On-line, double conversion, PFC with double DC bus	
FORMAT		Tower	
INPUT	Rated voltage	208 / 220 / 230 / 240V <sup>(1)</sup>	
	Voltage range	110 ÷ 276 V <sup>(2)</sup>	
	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 <sup>(3)</sup>	
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 <sup>(4)</sup>	
	Cold start	Yes	
GENERAL	Operating temperature	0°C ÷ 40°C	
	Relative humidity	Up to 95%, non-condensing	
	Operating altitude	2,400 m asl (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 620403	
	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

#### INTERNATIONAL OFFICE MACHINES LIMITED

##### Corporate Office

Ranks Business Centre (3rd Floor), KA 218/1 Pragati Sarani, Kuri, Dhaka 1229.  
Hotline: 09611858585, Tel: 8418523 | Fax: 8417589 | E-mail: info@iomltd.com

##### Branches

Chattogram- 6/32, Zilla Parishad Super Market | 01714-168943

Bogura- Saptapadi Market, Bogra | 01711-890615

Khulna- 65, Ahsan Ahmed Road | 01716-749065

Sylhet- 6/03, Karimullah Market, Bandar Bazar | 01711-160285

@salicru\_en

www.linkedin.com/company/salicruen/

+34 938 482 400 WWW.SALICRU.COM

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