

SLC TWIN RT2 T UL

On-line double-conversion tower/rack UPS from 6 and 10 kVA with PF=1

SLC TWIN RT2 T UL: High-performance On-line security for priority systems

Salicru's **SLC TWIN RT2 T UL** series models are uninterruptible power supplies with unrivalled electrical protection features for critical server environments. Their dual tower/rack format offers physical adaptability to any site and, The available powers are 6 and 10 kVA. In addition, their unity output power factor (VA=W) increases the power density delivered and reduces the space required for the installation of the UPS.

The LCD screen is swivel-mounted according to the mounting format chosen for ease of handling. In terms of serial communications, they feature USB and RS-232 interfaces, as well as a smart slot to optionally accommodate an SNMP card, MODBUS or potential-free contacts; also available are software packages for local or virtual monitoring and management of the protected devices.

For applications that require extended backup, additional battery modules and/or solutions with extra charger can be installed. And for applications that require redundant protection or increase the need for power, there is the option of connecting up to 3 devices in parallel.



Applications: Guaranteed operability for IT environments

Numerous environments can be protected by Salicru's **SLC TWIN RT2 T UL** series UPSs, such as virtualised or non-virtualised server systems, voice and data networks, ERP systems, CRM solutions, document management, etc., all of whose operability depends on the reliability of the electrical supply that powers them.



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Performances

- On-line double-conversion technology.
- Output power factor $PF=1$.
- Convertible tower/rack format.
- Control panel with swivel mount LCD display and keypad.
- Includes pedestal (pedestal mount) and lugs (rack mount).
- Backup extensions available for all power ratings.
- UPS models with extra charger for backup extensions.
- RS-232 and USB communication interfaces.
- Downloadable monitoring software for Windows, Linux and Mac.
- Smart slot for SNMP/potential-free contacts/MODBUS.
- Eco-mode operation.
- Parallelable up to 3 units.
- Frequency conversion function.
- SLC Greenergy solution.



Maximum performance in Eco mode

With performance of up to 99%, a significant energy saving can be achieved without reducing reliability and security in the protection of critical loads.

Higher power density

With a unity output power factor, maximum power in watts (W) is delivered, thereby optimising the always limited space in racks or server rooms.

Easy to install

Convertible tower/rack thanks to the accessories included (rack handles, tower pedestal), swivel mount display. Intuitive LCD for operation and configuration, with optical and audible warning devices.

UL and FCC certifications

SLC TWIN RT2 T UL series are certified for CANADA and USA markets.



Range

| MODEL | CODE | POWER (VA / W) | NO. OF OUTPUT SOCKETS | DIMENSIONS (D × W × H mm) | WEIGHT (Kg) |
|-----------------------------|-------------|-------------------|--------------------------|------------------------------|----------------|
| KIT SLC-6000-TWIN RT2 T UL | 698RQ000023 | 6000 / 6000 | Terminals | 610 × 438 × 304 | 126 |
| KIT SLC-10000-TWIN RT2 T UL | 698RQ000025 | 10000 / 10000 | Terminals | 610 × 438 × 304 | 166 |

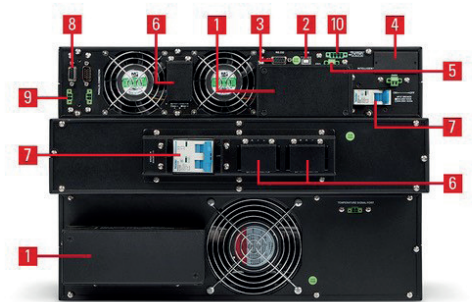
Frontal protuberance, from the fixing plane of the ears on the rack cabinet: 35mm. This distance is not included in the "Depth" total dimension.
Dimensions and weights for devices with standard backup.

Dimensions



KIT SLC 6000/10000 TWIN RT2 T UL

Connections



KIT SLC 6000/10000 TWIN RT2 T UL

1. Input/output terminals.
2. USB interface.
3. RS-232 interface.
4. Smart slot for SNMP/potential-free contacts/MODBUS.
5. Emergency stop (EPO).
6. Connection for battery module (only in models with extra charger).
7. Circuit breaker.
8. Parallel port.
9. Current distribution port.
10. Digital input/output.

Technical specifications

| MODEL | | SLC TWIN RT2 T UL |
|-----------------|---|--|
| TECHNOLOGY | | On-line double-conversion |
| FORMAT | | Convertible tower/rack |
| INPUT | Rated voltage | 200 / 208 / 220 / 230 / 240V ⁽¹⁾ |
| | Voltage range | 110 ÷ 300 V up to 50% load |
| | Rated frequency | 50 / 60 Hz |
| | Frequency range | ±4 Hz |
| | Total harmonic distortion (THDi) | ≤4% |
| OUTPUT | Power factor | 1 ⁽²⁾ |
| | Rated voltage | 104 / 110 / 115 / 120 o 208 / 220 / 230 / 240V |
| | Voltage accuracy (battery mode) | ±1% |
| | Total harmonic distortion (THDv) Linear load | <1% |
| | Total harmonic distortion (THDv) Non linear load | <4% |
| | Synchronised frequency | ±4 Hz |
| | Free running frequency | ±0,1 Hz |
| | On-line performance | >90% |
| | Eco-mode performance | ≥99% |
| | Admissible overloads in-line mode | < 110% for 10 min / < 130% for 1 min |
| | Parallel | Yes, up to 3 units ⁽³⁾ |
| 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 / RS-232 |
| | Intelligent slot | For SNMP / potential-free contacts / MODBUS |
| | Monitoring software | Yes, for Windows, Linux and Mac |
| OTHER FUNCTIONS | Cold start (start-up from batteries) | Yes |
| | Emergency stop (EPO) | Yes |
| OPERATING MODES | Frequency converter (CVCF) | Yes ⁽⁴⁾ |
| GENERAL | Operating temperature | 0° C ÷ +40° C |
| | Relative humidity | Up to 95%, non-condensing |
| | Maxium operating altitude | 2,400 masl (power degradation up to 5,000 m) |
| | Acoustic noise at 1 metre | <55-58 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) 90% power reduction for 200 V devices

(2) Except for devices with extended backup

(3) 90% power reduction

(4) 60% power reduction

Information subject to change without notice.



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