

LIEBERT® LTS

Power Redundancy for One-way Power Supply

• 10A - 32A



FEATURES

- The key component in the system, the auxiliary power, adopts redundancy design to ensure that the equipment can still operate normally upon the failure of one single power.
- Full DSP control ensures strong data processing capacity and improves the system reliability.
- Advanced power-off detection method enables quick judgment of power-off failure.
- Powerful communication function realizes the remote management through SNMP card (option).

REDUNDANCY

The main power and the standby power can directly connect to the LTS on the rack, and the STS can provide redundancy control on the power. Once the main power fails, it will automatically switch to the standby power.

RELIABILITY

The LTS adopts the control technology of "First Disconnect Then Connect"

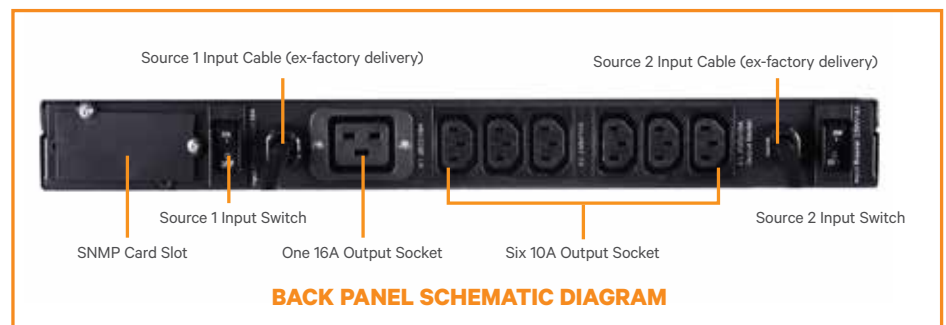
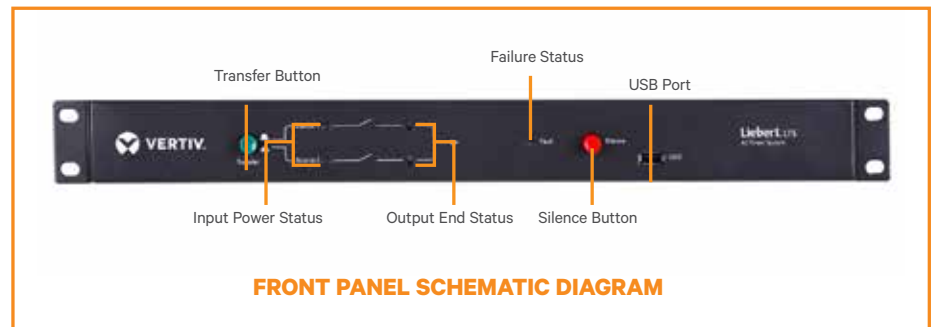
- If one-way power fails, the LTS can ensure the uninterruptible power supply to the equipment through the other way of power.
- Once short circuit occurs, the LTS can ensure that the failure will not extend to the standby power, and thus ensure the uninterruptible power supply to the equipment.



The LTS is a kind of single-pole automatic transfer device with the capacity of 10A/16A/32A. It performs the core functions of detection and transfer in the dual-bus system composed of two ways of AC power, and is used in the high-end uninterruptible power supply applications that require high power supply reliability.

Ideally Suited for

- Computer equipment rooms
- Internet data centers
- Telecom & financial data centers
- Industrial process control centers



Technical Specifications

MODEL NUMBER	02352247	02352244	02352190	02353758
INPUT				
Input Connectors	C14 x 2	IEC309 x 2	IEC-C20 x 2	Hard-wired
Rated Voltage	220 /230VAC			
Rated Frequency	50 / 60Hz			
Voltage Range	150 to 300VAC			
Frequency Range	50 / 60Hz ± 5Hz			
Voltage Distortion	< 10%			
OUTPUT				
Output Connectors	C13 x 6	C13 x 6 + C19 x 1	C13 x 4 + C19 x 4	
Power Factor	0.75 to 1 lead or lag			
Overload Capacity	125% for 30 minutes			
Efficiency	99%			
TRANSFER				
Number of Poles	2 poles			
Automatic Transfer Interval	< 6ms typical, < 11ms max			
ENVIRONMENTAL PARAMETERS				
Operating temperature	0 to 40°C			
Storage temperature	-40 to 70°C			
Relative humidity	5 to 95%; no condensation			
Elevation	3000m			
MECHANICAL PARAMETERS				
Dimension H × W × D (mm)	44 × 430 × 250		84 × 430 × 340	
Net weight of standard equipment	4.5kg		5.0kg	
Gross weight with options	5kg		6kg	



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