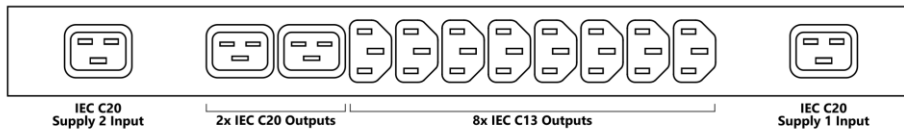


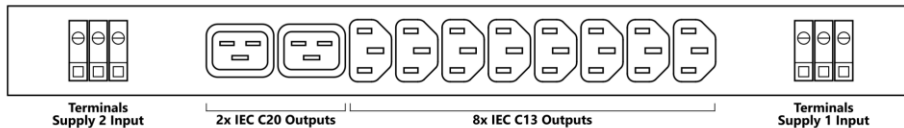
1	Supply 1 Isolator Switch*	6	Preferred Source Indicator	11	On Supply 1 LED
2	Supply 2 Isolator Switch*	7	Transfer Button	12	On Supply 2 LED
3	Dedicated General Alarm Contact	8	On Supply 1 LED	13	Output Okay LED
4	Alarm LED	9	On Supply 2 LED	14	Load Indicator LEDs
5	Alarm Cancel/Acknowledge button	10	Sync OK LED	15	Ethernet Connector*

*Optional features

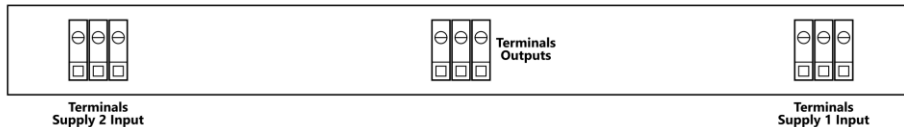
16A Model - IEC Inlets & Outlets



32A Model - Terminals & IEC Outlets



32A Model - Terminals & IEC Outlets



CONNECTING TO TERMINALS

- Remove screws on gland plate to gain access to terminals.
- When connecting to terminals, lightly torque between 0.5-0.6Nm

A. SETUP

- Ensure that the two input sources are within tolerance, and that they are in synchronism ($\pm 10\%$ of rated voltage, $< 10\%$ THD, $< 15^\circ$ phase difference).
- Connect your critical load to the OUTPUT. *NOTE: Due to the nature of Silicone Controlled Rectifiers (SCRs), some load (~1A) is required for correct operation.*
- Connect the sources to SUPPLY 1 and SUPPLY 2.

B. STARTUP

- Apply power to both input sources.
 - There will be a short (15 sec) start-up period, after which the STS will begin powering your load.
 - Confirm that the load is receiving power.
 - Ensure that LEDs are correctly representing the supply status and load.
- NOTE: Only On Supply 1 LED or On Supply 2 LED should be red.*

C. CONFIRM

- Use the Preferred Button to highlight 'I' on the Preferred Indicator. Wait for the On Supply 1 LED to turn green (if is not already).
- Turn off Supply 1, and confirm that the STS transfers to 'II' (On Supply 2 LED - green).
- Turn on Supply 1, and confirm that the STS auto transfers to Supply 1 after a 3 second delay (On Supply 1 LED - green).
- Use the Preferred Button to highlight 'II'. Wait for the STS to transfer to Supply 2 (On Supply 2 LED - green).
- Turn off Supply 2, and confirm that the STS transfers to Supply 1 (On Supply 1 LED - green).
- Turn on Supply 2, and confirm that the STS auto transfers to Supply 2 after a 3 second delay (On Supply 1 LED - green).
- Select your preferred supply if any.

