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## Electrical Supply Requirements

The CM-3C DSRG-32 system power is configured for one of two voltage ranges:

100 - 120 Vac, 50/60 Hz
220 - 240 Vac, 50/60 Hz

The voltage range configured is identified by label on the **resr** pannel of the CM-3C DSRG-32. The voltage range may be easily changed with a screw driver, following the directions of the **Installation, Voltage Selection** section of this manual.

The CM-3C DSRG-32 is rated for a EUT. AC power source of:

<b>CM-3C DSRG -32</b> 250.433 VRC, 32 ampere, 3-phase, S-wire, 50..60 Hz (U.S.) DC: 30A dc up to 24Vdc, 2SA 24 to 48V, 8A up to 100V  CM-3C DSRG-32 is restricted to 250/4J3 4"AC when tire sync CRble is connected to an DMCPf .
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The EUT. AC power source should be fused or protected for a maximum of 100 amperes.

The overcurrent protection of the CM-3C DSRG-32 includes detection of imbalance phase-currents. When using the CM-3C DSRG-32 with a one-phase load, a two-phase load, or a load with extreme imbalance between phase currents, the overcurrent protection will trip at a load current of 85% of the CM-3C DSRG-32 rating.

If testing with mains synchronization is required — the surge pulses synchronized with the AC Mains — then a neutral reference connection must be provided at the EUT inlet connector. If neutral is not available, then a neutral reference must be created via a delta-to-wye transformer or load, and the neutral reference should be externally fused or protected for the rating of transformer wind wiring.

