

Main specifications for DC electronic load:

Vendor may note that the proposed electronic loads would be used to evaluate the performance of typical proton exchange membrane fuel cells.

A. DC Electronic Load – 600W or more

1. Voltage range: 0 – 10 V or more
2. Current: At least up to 150A (preferably more)
Note: The electronic load should be able to draw 150A at $\leq 0.4V$
3. Constant current, constant voltage, constant power modes (user selectable)
4. Power supply: 230V, 50hz
5. Protection against Over power, Over current, Over voltage & Over temperature
6. Accuracy of 1% or better for all settings (Voltage / Current / Power etc)
7. 'DC electronic load' manufacturer should have ISO 9001 certification

B. DC Electronic Load – 2kW

1. Voltage range: 0 – 30 V or more
2. Current range: At least up to 200A (preferably more)
Note: The electronic load should be able to draw 200A at $\leq 6.0V$
3. Constant current, constant voltage, constant power modes (user selectable)
4. Power supply: 230V, 50hz
5. Protection against Over power, Over current, Over voltage & Over temperature
6. Accuracy of 1% or better for all settings (Voltage / Current / Power etc)
7. 'DC electronic load' manufacturer should have ISO 9001 certification

Note : BHEL shall place the order item wise lowest cost to BHEL on one Vendor or more.