

## Emerson Network Power – Embedded Power

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[www.PowerConversion.com/go/LGA](http://www.PowerConversion.com/go/LGA)

### LGA Series

Emerson Network Power's LGA Series is among the latest product additions to its non-isolated board-mounted module offering. Available in 3 A, 6 A, 10 A and 20 A modules, the LGA Series comes with an adjustable output from 0.59 to 5.1 Vdc through external resistor trimming. Its Land Grid Array (LGA) packaging offers low apparent thermal resistance when mounted on typical circuit boards, making the modules attractive for power applications such as regulator circuits that drive ASICs, memory, and FPGAs common in telecom/computing networking environments. Its low profile also offers less airflow disruption, space savings as it can be mounted on either the top or bottom side of the board, and compatibility with common automated circuit board assembly processes.



### FEATURES

- › Wide input range: 3.0-13.8 Vdc (4.5 Vdc minimum input for 20 A module)
- › -40 °C to +85 °C operating ambient temperature range
- › Enable pin, power good signal, differential remote sense, margin control
- › 16.26 x 16.26 mm Land Grid Array package
- › Low profile – 3.2 mm typical