

September 28, 2018

Motor Business Unit,  
Electromechanical Control Business Division,  
Automotive & Industrial Systems Company,  
Panasonic Corporation

**Release of Brushless Amplifiers MINAS-BL GU Series**

Thank you for your daily support and efforts to our business  
As titled, we will release the GU series as a new series of MINAS-BL.  
We would appreciate your understanding and cooperation with this matter.

1. Order start date: October 3, 2018
2. Feature of Brushless Amplifiers GU Series
  - A brushless motor can be driven in combination with a MINAS-BL GV series motor.
  - By using the speed setting knob, RUN switch, and rotate direction selection switch furnished on the front panel of the brushless amplifier, motor operation is possible without requiring any externally attached components except a motor cable.
  - Equipped with an input/output interface comparable to that of MINAS-BL GV series (minus the RS485 communication function).
  - Structure without airflow openings for cooling provides less chance of foreign object intrusion (protection structure equivalent to IP20).
  - Method of mounting is similar to the previous models (speed controller unit type, μ(micro) inverter, brushless inverter B2G series).
  - Enables variety of settings and operation conditions monitoring by using setup support software PANATERM for BL downloadable from the web page without any charge.
3. Output range:
  - Single AC 100 V to 200 V input 50 W, 90 W, 130 W
  - Single/3-phase AC 200 V to 240 V input 50 W, 90 W, 130 W

4. Model Numbers, prices:

Model No. (Brushless Amplifiers)	Output (W)	Input Voltage (V)
MBEU5A1AAV	50	Single AC 100 V to 200 V
MBEU9A1AAV	90	
MBEU1E1AAV	130	
MBEU5A5AAV	50	Single/3-phase AC 200 V to 240 V
MBEU9A5AAV	90	
MBEU1E5AAV	130	

For prices, please contact our sales representative.

5. Specifications, dimensions:

Please see our website. (Technical Instructions)

[https://industrial.panasonic.com/content/data/MT/PDF/manual/en/bl/MINAS-BL-GU\\_manual\\_e.pdf](https://industrial.panasonic.com/content/data/MT/PDF/manual/en/bl/MINAS-BL-GU_manual_e.pdf)

6. Appearance:



Brushless Amplifiers GU Series  
MBEU1E5AAV (3-phase AC 200 V to 240 V, 130 W)