

5-2 WORKING VOLTAGE AND OUTPUT CHARACTERISTICS OF ACG

① ACG output characteristics

The following table shows the ACG working voltage and specifications, and the figure shows ACG output characteristics diagram installed on the shipping vehicle model. The ACG output increases as the engine speed increases, so use to find the ACG output in the engine speed range where the vehicle is supposed to be used.

Vehicle model	Engine	Working voltage	Output current	Drawing
PHR54AU	4JA1	12V	70A	Fig.1

• Precaution

- Do not continue to use the electrical current with the total electrical load of the chassis and additional equipment exceeding the ACG output. It may cause the battery exhaustion.
- Due to the output characteristics of ACG, the output of ACG also decreases when the engine speed is low. Make sure that the electrical load of the rear body or additional equipment at idling speed does not exceed the ACG output. Also, if it is necessary to use the rear body or additional equipment at the idling speed, take measures such as increasing the idling speed.