UDC 629.03

Grytsyuk A. Autonomous two-mode auxiliary electrical unit for ground vehicles / A. Grytsyuk, A. Motora,

E. Shapovalov, A. Zhukov // Internal combustion engines. –

2011. – № 2. – P. 74-78.

In the article the original design of the autonomous

electrical unit with output up to 8kW, developed in SE

KEDB on the basis of a high-speed low-capacity diesel engine

of DTA series is described. The electrical unit is

mounted to a wall of a vehicle in the leakproof container with vibration-isolating suspension.

Operation of the electrical

unit is possible both on a vehicle, and in a remote variant

with installation on a ground surface. The diesel engine has

two working ranges of rotational speed chosen depending on

a generator load. Table. 1. Il. 4. Bibliogr. 5 names.