



ED80

POWER STATION



UKROBORONPROM
Ukrainian Defence Industry

STATE ENTERPRISE «SCIENTIFIC
AND PRODUCTION COMPLEX
«ISKRA»

ED80

POWER STATION

Mobile body-type power station is designed to feed special-purpose products with three-phase alternating current 400V, 50Hz from diesel-generator set or with current 380 V, 50Hz from supply mains.

MAIN SPECIFICATIONS



DESIGN FEATURES:

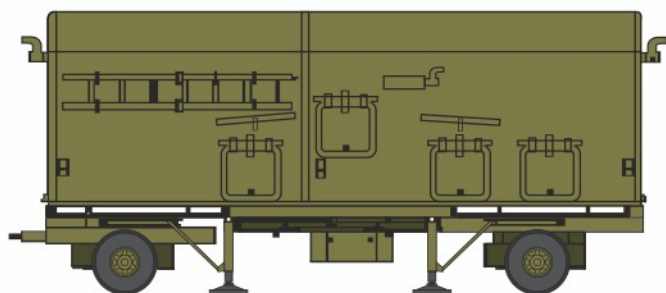
Power station is equipped with a master and a standby diesel-generators to feed radar complexes with 3x300 V 50 Hz.

Power station is equipped with a backup diesel-generator used during the radar deployment, maintenance and repair.

There are four options of the power station (according to climatic conditions, operation and equipment version):

CLIMATIC CONDITIONS, °C

from -40 to +50	from 0 to +50
ED80-T400-2PKC with backup DG	ED80-T400-2PK with backup DG
ED80-T400-2PKC1 with remote DG	ED80-T400-2PKM



EXTERNAL SUPPLY MAINS

■ voltage, V	380
■ current consumption, A, no more	165
■ power, kW, no more	85

OUTPUT PARAMETERS

■ current	alternating, three-phase
■ rated power of master and standby diesel-generators, kW, no less	80
■ rated power of backup diesel-generator, kW, no less	10
■ current frequency, Hz	50
■ rated current, A, no more	126
■ power factor	0,8
Degree of automation by National Standards of Ukraine DSTU 10032-69	2

THE CONTROL SYSTEM PROVIDES:

- Performance control of diesel-generators (including automatic switch-on of standby diesel-generator) and ancillary devices;
- Disaster protection and light-audio alarm at emergency;
- Lighting and blackout mode (with the side hatches and entrance door opened);
- Local and remote (up to 50 m) control modes.



Current frequency, Hz

50



Rated voltage, V

400



Transport speed, km/h

70



Operating mode

CONTINUOUS



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