



# MERIDIAN

## GENERATING SETS

**Manufacturer: "Yuzhny meridian" Ltd.**

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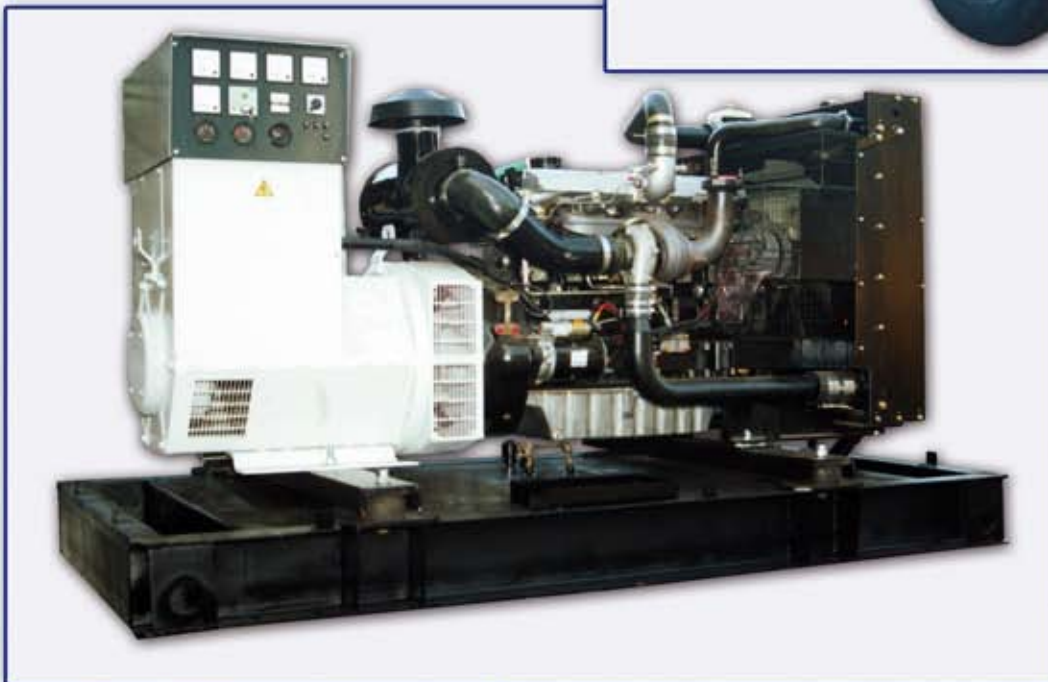
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**Generating set UMM-110** by MERIDIAN® could be operated in stationary conditions as a prime, standby or emergency power source for supplying continuous electrical power to power and lighting equipment of medium to large units.

Rated Output	138 kVA (110 kW)
Output Power	3-Phase, AC
Output Voltage	400 V
Current Frequency	50 Hz
Engine Model	Perkins 1006TAG
Number of Cylinders	6
Cylinder Arrangement	Vertical, in line
Cycle	4-stroke
Gross Engine Power	155 kW
Engine Speed	1500 rpm
Engine Starting System	electric start
Cooling System	Water-cooled, thermostat controlled
Fuel Tank Capacity	100.4 gals (380 ltrs)
Alternator Model	Newage UC274E
Alternator Type	asynchronous brushless self-excited
<b>Stationary version, open set</b>	
Dimensions L×W×H	98.4×49.6×59.1 inches (2500×1260×1500 mm)
Weight	4079 lbs (1850 kg)
<b>Stationary version, standard or sound attenuated enclosure</b>	
Dimensions L×W×H	98.4×49.6×59.1 inches (2500×1260×1500 mm)
Weight	4850 lbs (2200 kg)
<b>Mobile version, standard or sound attenuated enclosure</b>	
Trailer	Four-wheeled 2-ПН-4
Dimensions L×W×H	248×90.6×98.4 inches (6300×2300×2500 mm)
Weight	9259 lbs (4200 kg)

Generating sets supply three-phase electrical power. They could be used as a prime, standby or emergency power source at drilling platforms, surface mines, building sites, offshore platforms, rural areas and many other places and areas. Wherever you need the electrical power, our diesel generating sets supply it simply, efficaciously and cost-effectively. A complete autonomy makes it possible to install and operate them even at hard-to-reach areas where cabling the three-phase transmission facilities is not economically sound. In this case generating sets by MERIDIAN are optimum alternative to electric mains.

Great version choices – select stationary or mobile version on four-wheeled trailer 2-ПН-4, open set or canopied set, standard or sound attenuated enclosure.

Rated for ambient air temperature –49°F (–45°C) to 113°F (+45°C) at altitude up to 1000 m and the relative humidity of air up to 80% at a temperature of 68°F (20°C).

Every generating set comes factory tested. The warranty period is twelve months.