



# MERIDIAN

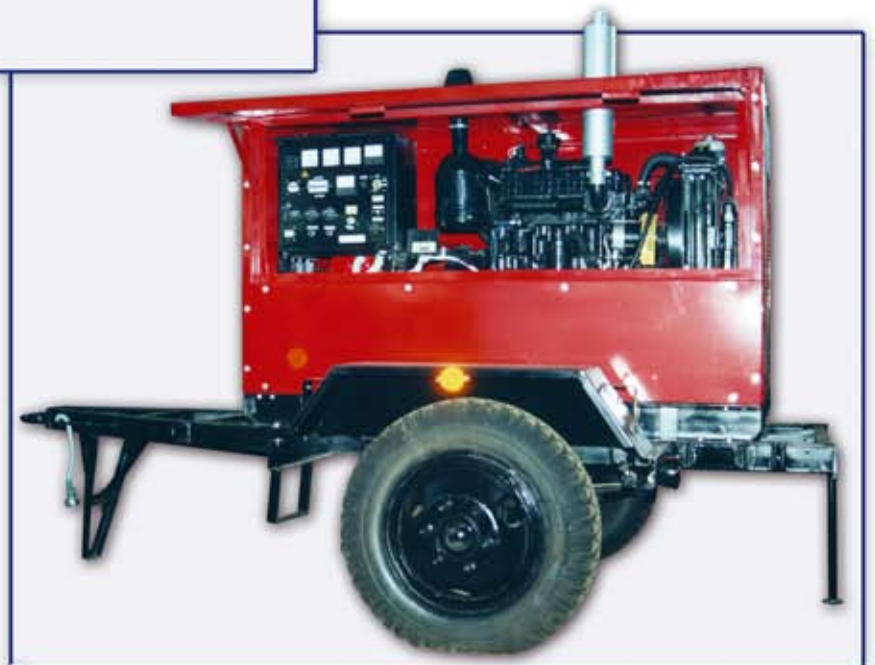
## GENERATING SETS

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

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Product Name	UMV-20	UMM-20	UMV-30	UMM-30
Output Power	Three-phase, AC	Three-phase, AC	Three-phase, AC	Three-phase, AC
Output Voltage	230/400 V	230/400 V	230/400 V	230/400 V
Current Amperage	26 A	26 A	26 A	26 A
Current Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Rated Output	28 kVA (22.4 kW)	28 kVA (22.4 kW)	40 kVA (32 kW)	40 kVA (32 kW)
Engine Model	Д-144	Д-242	Д-145Т	Д-245
Engine Type	Air-cooled Diesel Electric Start	Water-cooled Diesel Electric Start	Air-cooled Diesel Electric Start	Water-cooled Diesel Electric Start
Number of Cylinders	4 in line	4 in line	4 in line	4 in line
Engine Speed	1500 rpm	1500 rpm	1500 rpm	1500 rpm
Gross Engine Power	37.0 HP	63.0 HP	75.0 HP	88.7 HP
Rated Fuel Consumption	5.6 l/hr 1.5 gals/hr	5.4 l/hr 1.4 gals/hr	5.6 l/hr 1.5 gals/hr	6.2 l/hr 1.6 gals/hr
Running Time, at least	8 hrs	8 hrs	8 hrs	8 hrs
Alternator Model	EG 202 Series, one-phase and three-phase AC alternators, 50/60 Hz			
Fuel Tank Capacity	14.8 gals (56 litres)			
Dimensions L×W×H	70.5×37.4×43.3 inches (1790×950×1100 mm)			
Weight	1433 lbs (650 kg)	1499 lbs (680 kg)	1764 lbs (800 kg)	1874 lbs (850 kg)

MERIDIAN® produces diesel generating sets of UMV series (with air-cooled engines) and UMM series (with water-cooled engines), that guarantee complete autonomy and independence from power troubles and sudden power outage.

Generating sets supply one-phase or 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 set by MERIDIAN are optimum alternative to electric mains.

UMV and UMM diesel generating sets are powered with the industry's best-known air-cooled or water-cooled diesel engines that are highly reliable and work well on the diesel fuel of the not so perfect quality. Alternators are ready to run in hard climatic conditions, including durable insulation of the class H and drip-proof enclosure with drip proof IP22. These single- or two-bearing synchronous brushless alternators have very high mass-to-power ratio while maintenance is almost not required. EG202 alternators meet the international standards IEC-60034 and ISO 8528/1, as well as all applicable Ukrainian standards that is confirmed by УкрСЕПРО certificate.

Generating sets could be supplied in three different versions: stationary version, open set; stationary version in standard or sound attenuated enclosure; and mobile version in standard or sound attenuated enclosure on two-wheeled trailer ТАПЗ-755.

Every generating set comes factory tested.

The warranty period is twelve months.