

# GTA-6 AND GTA-8 GAS TURBINE GENERATOR SETS



Indoor design



Outdoor design

GTA-6RM and GTA-8RM power generating sets are completely integrated, fully operational packages equipped with all accessories and auxiliary systems. The gas turbine generator set scope of supply is subject to changes depending on the configuration. The equipment has either outdoor or indoor design.

GTD-6RM and GTD-8RM gas turbine engines (manufactured by UEC-Saturn) are used as drives.

Technical features		
Drive	GTD-6RM	GTD-8RM
Drive manufacturer	UEC-Saturn, JSC	
Rated output, MW	6	8
Voltage at generator terminals, kV	6.3 / 10.5	6.3 / 10.5
Electrical efficiency (operating conditions), %	23.1	24.3
Fuel utilization factor (cogeneration), %	84	86
Gas fuel flow rate at nominal rating, kg/h	1 952	2 370
Overhaul life expectancy, h	30 000	25 000
Assigned life expectancy, h	120 000	100 000
Overall dimensions, m	14.6 x 3.6 x 3.8	