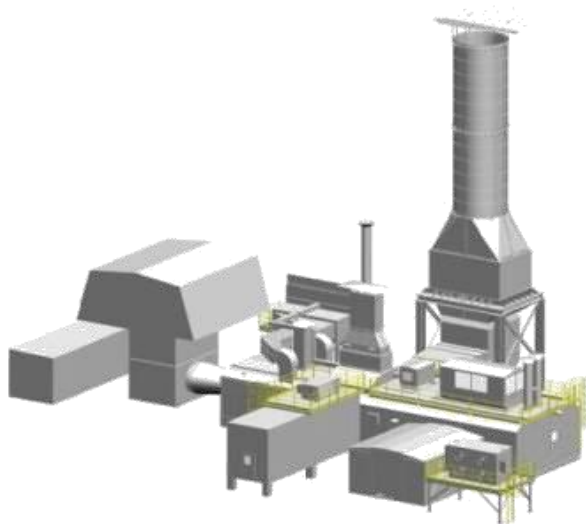


GTA-25 GAS TURBINE GENERATOR SET



GTA-25 is an automated gas turbine power generating set driven by either PS-90GP-25 or PS-90GP-25A gas turbine engine developed by Aviadvigatel and manufactured by UEC-Perm Engines.

The units can be of outdoor/indoor design and can be operated as stand-alone units or as a part of power generating plant thus providing grid-parallel operation.



Technical features		
Drive	PS-90GP-25	PS-90GP-25A
Drive manufacturer	UEC-Perm Engines	
Rated output, MW	22.5	25
Voltage at generator terminals, kV	6.3 / 10.5	
Electrical efficiency (operating conditions), %	36.2	36.8
Fuel utilization factor (cogeneration), %	85.68	86.3
Gas fuel flow at nominal rating, kg/h	4 475	4 891
Overhaul life expectancy, h	25 000	
Assigned life expectancy, h	100 000	
Overall dimensions (indoor design), m	28 x 22.9 x 27.7	