

# ASE40 and ASE50B Gas Turbines



An MTU Aero Engines Company

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Vericor Power Systems is based in Georgia, USA and is an MTU Aero Engine company. Vericor supplies gas turbines, systems and related services for industrial, oil & gas, power generation and marine customers around the world.

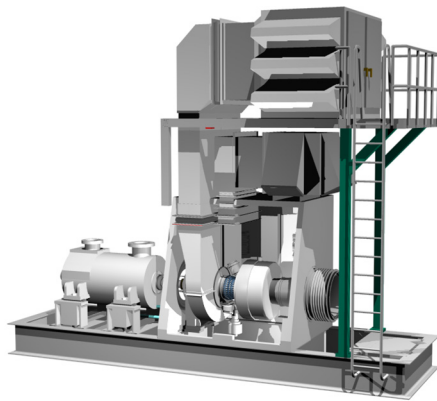
The ASE50B and ASE40 gas turbines are compact power units designed for stationary, continuous duty applications. The core of the ASE50B and ASE40 engines is the time-tested Lycoming T55 gas turbine that has accumulated over 15 million operating hours. These engines feature a compact cold end drive design for maximum reliability. A flexible on-condition maintenance plan assures high availability.

## Value Proposition

- 100% gas operation, including treated well head gas, greatly reduces fuel costs
- 60,000 hours between scheduled shop visits reduces maintenance costs
- Compact design minimizes package dimensions and weight

## Key features

- Runs on either 100% natural gas or liquid fuel
- Changeover from gas to liquid fuel and vice versa while operating under full load
- Modular construction simplifies on-site maintenance
- High power to weight ratio minimizes package weight and dimensions
- Direct mount to driven equipment eliminates alignment issues
- Superior cold start capability - ideal for standby applications
- Low cost of ownership
- Proven, durable design ensures high system availability



Engine specifications		ASE40	ASE50B
Output Power	Hp	4407	4931
	kW	3286	3677
Heat Rate	BTU/kWh	12,021	11,395
	kJ/KwH	12,683	12,022
Thermal Efficiency		28.40%	30%
Fuel Flow	lbs/h	1922	2039
	kg/h	872	925
Length	in/mm	64/1625	64/1625
Width	in/mm	34/863	34/863
Height	in/mm	38/965	38/965

Engine performance is uninstalled on natural gas fuel

Vericor Power Systems LLC  
 3625 Brookside Parkway Suite 500  
 Alpharetta Georgia 30022  
 USA  
 Tel 770 569 8800  
 www.vericor.com