

LM2500XPRESS



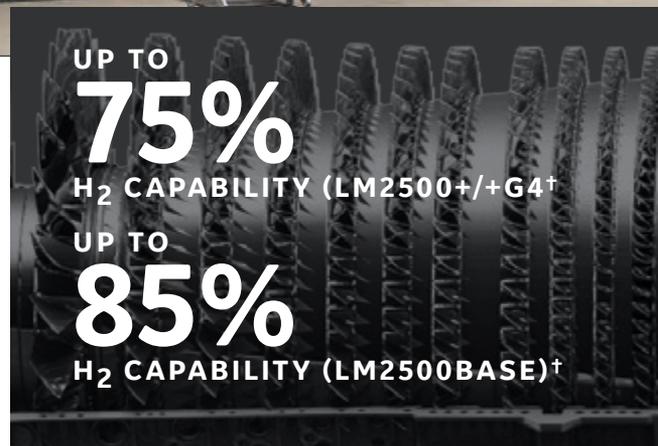
AERODERIVATIVE GAS TURBINE

50/60_{Hz}

37 MW SIMPLE CYCLE OUTPUT

>39% SIMPLE CYCLE EFFICIENCY

THE LM2500XPRESS HAS A COMPACT CONFIGURATION WITH A FASTER INSTALL TIME, INCREASED MODULARITY, AND FEWER INTERCONNECTS FOR WHEN SPEED OF POWER IS CRITICAL.



	LM2500XPRESS+G4 UPT DLE	LM2500XPRESS+G5 UPT DLE	
SC PLANT PERFORMANCE	SC Net Output (MW)	34.3	37.1
	SC Net Heat Rate (Btu/kWh, LHV)	8,749	8,711
	SC Net Heat Rate (kJ/kWh, LHV)	9,230	9,190
	SC Net Efficiency (% LHV)	39.0%	39.2%
1X CC PLANT PERFORMANCE	CC Net Output (MW)	47.8	51.9
	CC Net Heat Rate (Btu/kWh, LHV)	6,223	6,178
	CC Net Heat Rate (kJ/kWh, LHV)	6,566	6,518
	CC Net Efficiency (% LHV)	54.8%	55.2%
	Plant Turndown - Minimum Load (%)	35.0%	35.0%
	Ramp Rate (MW/min)	30	30
	Startup Time (RR Hot†, Minutes)	30	30
2X CC PLANT PERFORMANCE	CC Net Output (MW)	96.4	104.6
	CC Net Heat Rate (Btu/kWh, LHV)	6,174	6,129
	CC Net Heat Rate (kJ/kWh, LHV)	6,514	6,467
	CC Net Efficiency (% LHV)	55.3%	55.7%
	Plant Turndown - Minimum Load (%)	18.0%	18.0%
	Ramp Rate (MW/min)	60	60
Startup Time (RR Hot†, Minutes)	30	30	

NOTE: All ratings are net plant, based on ISO conditions and natural gas fuel. Actual performance will vary with project-specific conditions and fuel.

† Rapid Response/Hot Start

With up to 95% assembly in the factory, the LM2500XPRESS was created for speed and simplicity. The LM2500XPRESS comes pre-packaged in 10 simplified modules for easy installation and features 27 electrical interconnects vs. 130+ for a traditional plant, as well as greatly reduced mechanical interconnects. Module systems flushing is completed at the factory, so customers don't need to flush on-site. For customers who need power in days, not weeks, the LM2500XPRESS can be installed in about 14 days by 20 people. Its plug and play nature lets you get power to the grid quickly and efficiently, or provides industrial companies the ability to get up and running fast.

† Engine capability only

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