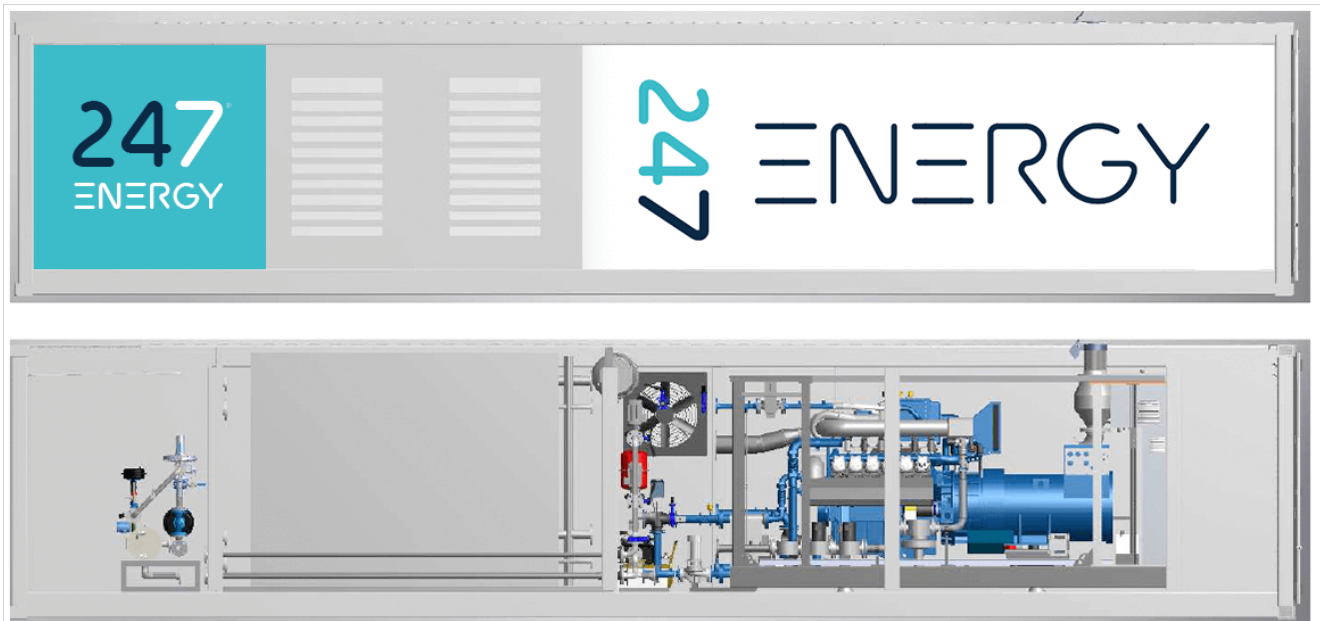


400
1.250
eKW

247 LNG Containerized Power Plant
247-LNG-CPP-0400/1250



To allow quick installation, safe & reliable operation, all system components are integrated in a 20ft, 40-ft or 45-ft shipping container format. The LNG storage is located in a separate container. Several 247-LNG-CCP and LNG storage units can be combined to increase capacity. No downtime is required during LNG fueling.

Dimensions External (L x W x H)	6.455m x 2.438m x 2.591m (20Ft) or 12.910m x 2.438m x 2.591m (40Ft) 13.559m x 2.438m x 2.896m (45Ft HQ) depending on selected product
Dimensions External (Imperial)	20'0" x 8'0" x 8'6" (20Ft) or 40'0" x 8'0" x 8'6" (40Ft) 45'0" x 8'0" x 9'6" (45Ft HQ) depending on selected product
Total number of enclosures	1 + 1 or more ISO tanks (ref. 247-LNG-ST-20/40)
Components	Power system, Gas engine Generator, Heat Exchanger system Cooling system Intelligent control system Gas detection, Smoke detection Remote communication system Safety interlock system Integrated LNG tank communication
Output Voltage	3~ 400V/50Hz 3~ 460V/60Hz Or as per customer request
Ambient temperature	-10°+50° C (other on request)
Fuel	LNG (Liquefied Natural Gas)
Lower heating value	10n3kWh/Nm3
Minimum required Methane Number	76MN
Thermal power supply	90°C/70°C regime - or as per customer request
Conductor sizing	To be verified per application (length/voltage drop and max. current)

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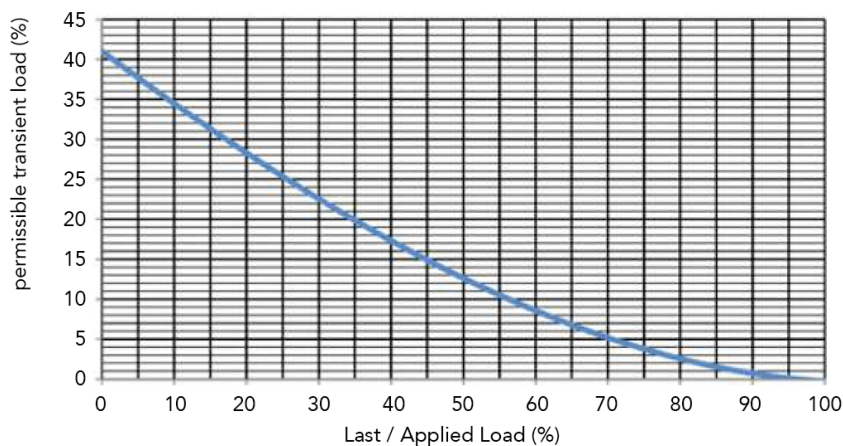


400
1.250
eKW

247 LNG Containerized Power Plant
247-LNG-CPP-0400/1250

Generator types	Electrical Power (kW)	Weight (in Kg)	Size in Ft Container	Energy Efficiency (%)	Thermal * Power (kW)	Total Efficiency (%)
247-LNG-CPP-0400	400	10.170	20	43,10	404	86,70
247-LNG-CPP-0600	600	11.450	40	43,30	618	87,90
247-LNG-CPP-0800	800	12.520	40	43,50	821	88,10
247-LNG-CPP-1000	1000	12.535	40	43,00	1.056	88,40
247-LNG-CPP-1250	1250	17.165	45 HQ	43,40	1.325	88,40

Permissible Transient Load



Exhaust Emissions (mg/Nm3)**

Catalytic Converter Package	Included	Excluded
NOx	500	500
CO	300	1.000
NMHC	75	150
CH2O Formaldehyde	40	60
Dust Particles	20	20
SO2	35	35

** Applicable for 40Ft containers

Options

- 247-LNG-CATPAC-40 Exhaust Catalyst Package**
- 247-LNG-SILPAC-20/40 Additional Noise Reduction Package
- 247-LNG-CHPPAC Complete CHP Package (Total Efficiency > 86%)*
- 247-LNG-SPPAC Spare parts pack (excl. engine)
- 247-LNG-ST-20/40 20/40ft LNG ISO storage tank

Design codes and approvals

- CE Declaration of Conformity
- HAZID and HAZOP
- Patent WO2019092224A1
- Design & Production in Benelux

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