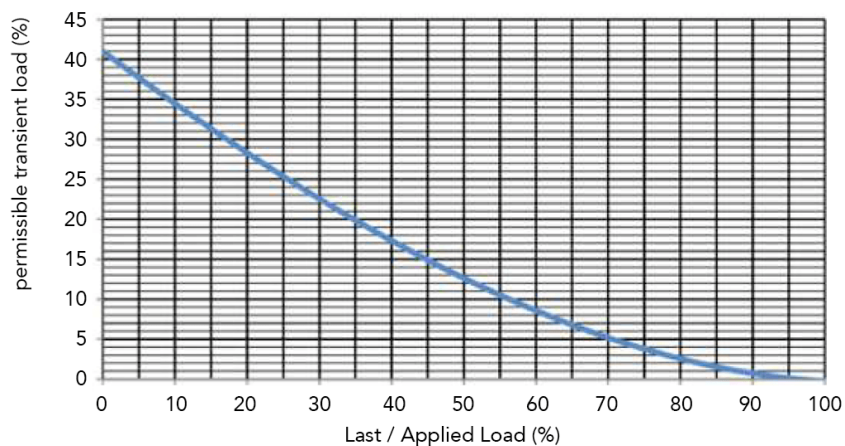


To allow quick installation, safe & reliable operation, all system components are integrated in a 40-ft shipping container format. The LNG storage is located in a separate container. Several 247-LNG-CCP and LNG storage units can be combined to increase capacity. No downtime is required during LNG fueling.

Dimensions External (L x W x H)	12.192m x 2.438m x 2.591m
Dimensions External (Imperial)	40'0" x 8'0" x 8'6"
Total number of enclosures	1
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)

Generator types	Electrical * Power (kW)	Phase/Neutral/PE (mm ²) **	Energy Efficiency (%)	Thermal *** Power (kW)	Total Efficiency (%)
247-LNG-CPP-140	140	150/150/95	38,6	111	69,2
247-LNG-CPP-200	200	240/240/120	41,0	131	67,8
247-LNG-CPP-250	250	300/300/150	41,8	128	63,2
247-LNG-CPP-260	260	300/300/150	41,0	173	68,3
247-LNG-CPP-333	333	2x185/2x185/185	41,9	174	63,8
247-LNG-CPP-400	400	2x182/2x182/185	41,1	264	68,2
247-LNG-CPP-500	500	2x300/2x300/300	42,1	255	63,6
Up to 1,6Mw per 40 Ft container	1600				

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 CPP-500 (others on request)

Options

Exhaust Catalyst Package
 Additional Noise Reduction Package
 Complete CHP Package (Total Efficiency > 85%)

Design codes and approvals

CE Declaration of Conformity
 HAZID and HAZOP
 Patent WO2019092224A1

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