

QUEEN GU130PS

60Hz@1800RPM 220/127V 3PH

GENMAC
POWER PRODUCTS

Engine general data

Engine brand	Perkins
Model	1104C-44TAG2
PRP Power kW	101.50
LTP Power kW	111.60
Fuel	Diesel
Nr. cylinders	4
Air intake	Turbocharged
Cooling	Water
Cubic capacity l.	4.40
Speed regulation	Electronic
Performance Class - steady state regulator accuracy +/- %	G3 - 0.50
Load Step G1 - KWe	-
Load Step G2 - KWe	-
Load Step G3 - KWe	-
Voltage VDC	12
Emissions	-

Alternator general data

Alternator brand	Stamford
Model	UCI274C
Type of excitation	Self-excited
Type of regulation	AVR
Regulator precision +/- %	1.00

Structure data

Type of structure	QUEEN
Tank capacity l.	270
Retention basin	yes
Exhaust diameter mm	120

Control panel features

QT2A-4520

Self-standing tower with IP65 metal box
Circuit breaker
AMF controller DSE4520
- Voltmeter, Frequncymeter, Ammeter
- Generator power (kW, kV Ar, kV A & pf) monitoring
- Hour meter
- Fuel level meter
- Overload (kW & kV Ar) protection
- Low oil pressure protection
- High coolant temperature protection
- Low fuel level protection
- Battery charger alternator fault
- Rpm protection
Emergency stop button
Audible alarm
Terminal board for ATS connection
Can Bus reading Port (if standard on the engine)
Battery charger
On/off switch

Fuel consumption

Consumption 25% l./h	0.00
Consumption 50% l./h	14.10
Consumption 75% l./h	20.20
Consumption 100% l./h	26.90
Autonomy at 75% of load h.	≈ 13 h

Engine liquids and equipment

Type of lubricant	Oil SAE 15W40
Lubrication capacity l.*	8.00
Type of coolant	Antifreeze liquid
Coolant capacity l.*	12.60
Air intake filter	Paper cartridge
Battery capacity Ah	70
Number of batteries*	1

Fuel system and energy balance

AC pump suction head kPa	2
Combustion air flow volume LTP m3/min	7.80
Cooling air capacity LTP m3/min	225.60
Exhaust gas flow-density LTP m3/min	20.40
Exhaust gas temperature LTP °C	574.00
Brake mean effective pressure kPa	15.00
Energy to exhaust LTP kWt	99.70
Energy to coolant LTP kWt	77.80
Energy to radiation LTP kWt	9.40



Dealer

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