




















GENERATING SET

GE 445 P Skid - S - SX

- Perkins Diesel engine, water-cooled with electronic speed regulation.
- Brushless alternator with electronic voltage regulation (AVR)
- "BRAIN" control panel unit with the following features:
 - Automatic Mains Failure with QEA logic
 - Engine protection - high water temp., low oil press., overspeed, low battery voltage etc.
 - More than 30 selectable alarms
 - Digital display - water temp., oil press., fuel level, battery voltage, engine speed, phase and line voltages, currents,
- Connection to PAC load transfer switch (with QEA logic)
- All versions can be prepared for manual or automatic operation (with QEA logic)



Base equipment unit											
	Diesel engine	Water cooling	Electric starter	Battery 24V (2 x 12V)	Emergency stop button	Synchronous alternator	Electronic voltage regulator	Fuel alarm	Overload and short circ. protection		
Factory installation											
	BRAIN Unit	Engine shut down oil	Engine shut down temp.	Engine shut down overspeed	Engine shut down battery charge	Hour counter	Main, gen., battery	Main, generator	Countdown maintenance	Remote starting	
Options on request	<ul style="list-style-type: none">CE Kit (4 poles circuit breaker + G.F.I.)QEA LogicFuel level gauge with alarm					<ul style="list-style-type: none">Heater KitFuel charging pump kitLow level cooling alarm			<ul style="list-style-type: none">Semiresidential mufflerPermanent magnet (PHG) alternator		
	<ul style="list-style-type: none">PAC (load transfer switch)										

Technical data	GE 445 SKID	GE 445 PS	GE 445 PSX
A.C. GENERATION	50 Hz, three-phase, synchronous alternator, self-excited, self-regulated, brushless		
* Three-phase power (L.T.P.)	440 kVA (352 kW) / 400 V / 635 A		
* Three-phase power (P.R.P.)	400 kVA (320 kW) / 400 V / 577 A		
Power factor (cos φ)	0.8		
Insulating class	H		
* Output according to ISO 8528-1			
ENGINE	Diesel, 4-stroke, water cooled		
Type	PERKINS 2306 CE 14 TAG3		
# Output (L.T.P.)	387 kW		
# Output (P.R.P.)	344 kW		
Speed	1500 rpm		
Displacement	14600 cm³		
Cylinders	6		
Fuel consumption	214 g/kWh		
# Output according to ISO 3046/1			
GENERAL SPECIFICATIONS			
Tank capacity	900 l	590 l	590 l
Running time (Load 75%)	14.5 h	9.5 h	9.5 h
Protection	IP 20	IP 44	IP 44
Dimensions Lxwxh (mm)*	3275x1275x2125	3275x1320x2550	4000x1300x2715
Weight*	4100 kg	4500 kg	5000 kg
Noise level	N/A	109 LWA(80 dB(A) - 7 m)	99 LWA(74 dB(A) - 7 m)
* Dimensions and weight are inclusive of all parts without wheels and towbar			

Values shown are nominal values. For further information please contact the sales department.