



TP385

MODEL	TP385
Stand-by Power @ 50Hz	385KVA/308KW
Prime Power @ 50Hz	350KVA/280KW

Standard Features

General

- Engine(PERKINS 2206C-E13TAG2)
- Charge alternator 24V , Governor: electronic
- Generator(Stamford,HCI444E)
- Single bearing alternator IP 21 , insulation class H /H
- Radiator 50°C [122°F]max.,with coolant cap
- Skid and vibration isolators
- Dry type air filter
- Main line circuit breaker
- Microprocessor control panel
- 24 V battery, rack and cable
- Industrial silencer (loose)
- User manual



Generator Ratings

Voltage	HZ	Phase	P.F	Standby Amps	Standby Ratings kVA/kW	Prime Ratings kVA/kW
415/240	50	3	0.8	362	385/208	350/280
400/230	50	3	0.8	375	385/208	350/280
380/220	50	3	0.8	395	385/208	350/280

Stand-By ratings are available for the duration of any power outage. No overload capacity is specified at this ratings. Prime ratings are available per BS 5514, DIN 6271, ISO-3046 and IEC 34-1 with 10% overload capacity one hour in twelve hours.

Conditions of sale

Westinpower provide a full line of products with high quality recognized engines and alternators.

Each and every unit is factory tested. All generator sets are also prototype tested.



ENGINE DATA

Manufacturer / Model	Engine(PERKINS 2206C-E13TAG2)
Cylinder Arrangement	6XL
Displacement	12.5 L
Bore and Stroke	130mmX157mm
Compression ratio	16.3 : 1
Rated RPM	1500 Rpm
Max. stand by Power at rated RPM	349 kW
Frequency regulation, steady state	< 10%
Governor : type	Electronic

Exhaust System

Exhaust gas flow	41.5m³/min
Exhaust temperature at standby power	526°C
Max back pressure	10.7KPa

Fuel System

100% (of the Prime Power)	55.6L/h
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Oil System

Total oil capacity w/filters	28.3L
Oil consumption 100% load	0.055L/h

Air intake

Air consumption at Standby power (at 25°C)	912m³/h
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Coolant System

Radiator & engine capacity	37.2L
Max water temperature	103°C
Outlet water temperature	95°C [199°F]
Thermostat	87.8-96.1°C



ALTERNATOR SPECIFICATIONS

GENERAL DATA

Compliance with NEMA MG21, UTE NF C51.111, VDE 0530, BS 4999, CSA standards.	Vacuum-impregnated windings with epoxy varnish. IP21 drip proof
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Generator DATA

Manufacturer / Type	Stamford, HCI444E
Number of Phase Power	3
factor (Cos Ph)	0.8
Pole : number	4
Bearing : number	1
Coupling	Direct
Exciter type	Brushless SHUNT
Efficiency @ 100% load	90.2%
Insulation : class, temperature rise	H/H
Protection	IP21

Control panel



The DSE7210 is made by DEEPSEA in England and is a new control module for single gen-set applications.

The DSE7210 is an Automatic Star Control Module and is simple to operate.

Specifications: Frequency meter, Ammeter, Voltmeter Alarms and faults Oil pressure, water temperature, No start-up, Overspeed, Min/max alternator, Min/max battery voltage, Low fuel level, Emergency stop.

Engine parameters: Hours counter, Oil pressure, Water, temperature, Engine speed, Battery voltage, Fuel level.

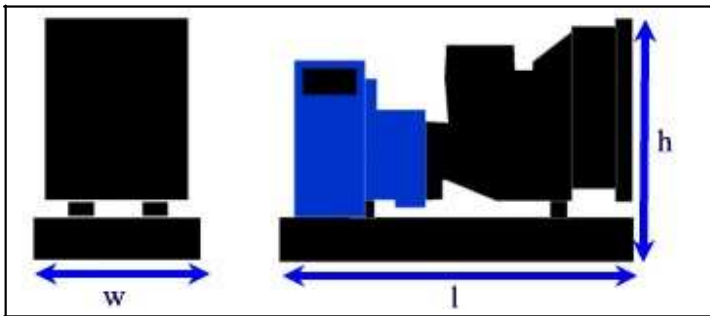


Options

Engine and Radiator	Alternator	Control panel
<ul style="list-style-type: none"> Heat shield protection Oil drain extension Heavy duty air filter Lube oil drain pump Radiator core guard Battery charger Block heater 	<ul style="list-style-type: none"> Anti condensation heater Enforced impregnation Oversized alternator 	<ul style="list-style-type: none"> Remote annunciator Oil temperature shutdown
	Exhaust	Literature
	<ul style="list-style-type: none"> Residential silencer Critical silencer Flexible exhaust conn. 	Parts
Fuel		
<ul style="list-style-type: none"> Day tank Subbase fuel tanks UL Water separator fuel filter 		

Weight and Dimensions

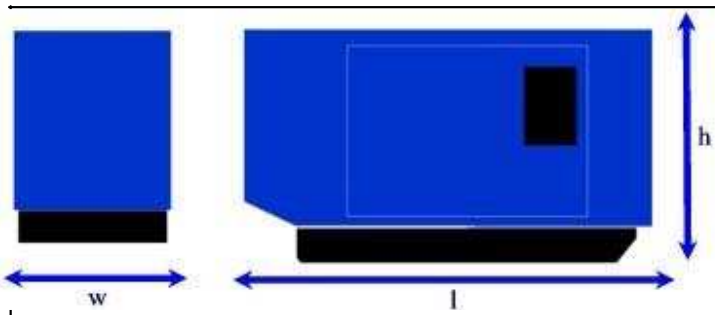
Open Model



Overall size l x w x h :
2507mmx1822mmx875mm

Weight :
2225kg

With Optional Enclosure



Specifications and design liable to modifications without prior notice