



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
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Heat shield protection
 Oil drain extension
 Heavy duty air filter
 Lube oil drain pump
 Radiator core guard
 Battery charger
 Block heater

Anti condensation heater
 Enforced impregnation
 Oversized alternator

Remote annunciator
 Oil temperature shutdown

Exhaust

Literature

Residential silencer
 Critical silencer
 Flexible exhaust conn.

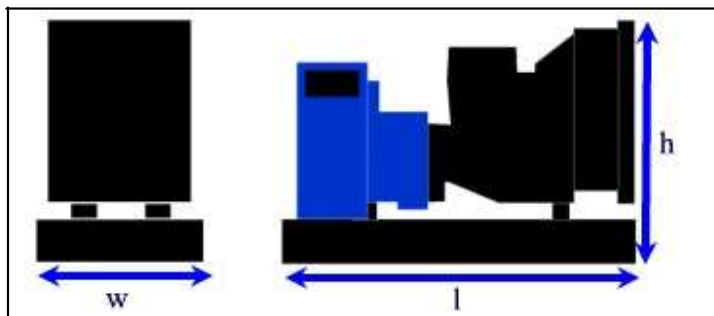
Parts

Fuel

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

