

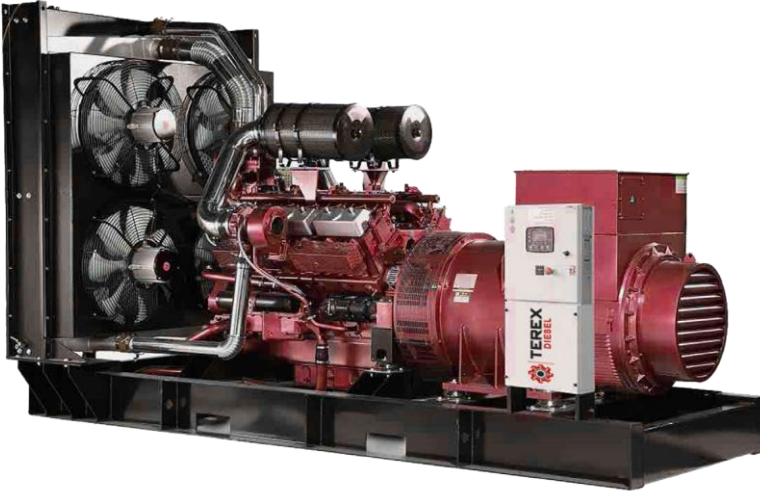
TRX-S-630

Diesel Generator
















TEREX

DIESEL



Generator Features

-  Chassis integrated fuel tank
-  Industrial type silencer
-  Radiator capable of cooling up to 50 °C
-  Electronic battery charger
-  4-pole synchronous type, single bearing, brushless alternator
-  Electric circuit diagram
-  Flexible fuel hoses and oil drain valve
-  Operation and maintenance manual
-  Welded steel sheet, powder coated electrostatic powder coated chassis
-  Manual start protection system
-  Dry type replaceable air filter
-  Battery and cables
-  MEngine jacket water heater

Prime Power

Limited time operating power under variable load. It is used as backup power in case of mains power outages. Overloads are not allowed.

Standby Power

Continuous operating power under variable load. According to ISO 3046 standard, 10% overload is allowed in 12 hours operation.

Generator Features

		Prime	Stand-by
Power	kVA	573	630
Power	kW	458	504

Generator Model	TEREX-S / TRX-S-630
Engine Model:	SST26H571
Fuel Type:	Diesel
Frequency:	50 Hz
Power Factor:	Cos Φ = 0.8
Voltaj:	400/231 V

Dimensions		With cabin	Without cabin
Lenght	mm	3900	3700
Heigh	mm	3030	2330
Width	mm	1800	1450
Weight	kg	5740	4845
Fuel Tank Capacity	lt	900	740

H: External

K: Container

TBA: to be added



0850 532 63 20

Dudullu OSB Mah. İmes B Blok, 205.sk. No:31 Ümraniye/İstanbul

www.terexgen.com.tr

TRX-S-630

Diesel Generator



TEREX

DIESEL

Engine

Engine Brand		SDEC
Engine Model:		SST26H571
Engine Type:		4 Stroke Diesel Engine
Engine Stan-by Power:	kWm	505
Engine Prime Prime:	kWm	460
Cylinder Arrangement:		12V
Total Cylinder Arrangement:	lt	25,8
Cooling System:		Water
Broke-Stroke:	mm	135 x 150
Compression Ratio:		16:1
Aspiration:		Turboşarj, Intercooler
Governor Type:		Electronic
Electrical System:	VDC	24
Lubricant Oil Capacity:	lt	65
Coolant Capacity:	lt	105
Frequency Lt:	Hz - d/dk	50 - 1500
Jacket Water Heater:	quantityx W	2 x 2000
Battery:	quantity x AH	2 x 150
Charge Alternator Current:	A	55
Injection System:		Direct
Cooling Air Flow:	m ³ /dk	TBA
Combustion Air Flow:	m ³ /dk	TBA
Exhaust Gas Flow:	m ³ /dk	45,8
Exhaust Gas Temperature:	°C	650
Fuel Consumption Under 100% Load:	lt/s	113,8
Fuel Consumption Under 75% Load:	lt/s	85,9
Fuel Consumption Under 50% Load:	lt/s	60,7

Alternetör

Phase / Pole Number:		3/4+
Excitation System:		Self Excited, Brushless
Voltage Regulator:		A. V. R. (Automatic)
Voltage Regulation:		±%1
Insulation Class:		H
Protection Class:		IP23
Connection Type:		Star
Frequency:	Hz	50
Power Factor:		Cos Φ = 0,8
Total Harmonic Distortion (No Load):		< % 3.5
Output Voltage:	VAC	231/400

TBA: to be added

TRX-S-630

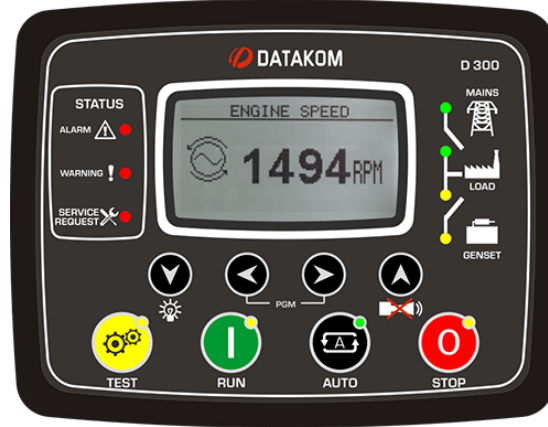
Diesel Generator



TEREX

DIESEL

Control Panel



Datakom D300

Datakom D300 Automatic Control Module

AMF function ATS function

Remote start function Manual start function Engine control function

Suitable for remote monitoring

Mains and Genset LL- LN Voltages

Mains and generator frequency Mains and genset phase currents Mains and generator neutral currents

Grid and generator phase and total, kW, kVA, kVAR Power factor, engine speed, battery voltage and more

Connections

3 phase 4 wire, stars & delta

3 phase 3 wire, 2 current transformer

2 phase 3 wire

1 phase 2 wire

Communication

RS232 – 485 connection with cable J1939-CANBUS

GSM / GPRS connection Ethernet connection

Modbus RTU

Protection Functions

- Overvoltage
- Low voltage
- Voltage asymmetry and phase sequence High frequency
- Low frequency Short-circuit current Overcurrent
- Power factor
- Coolant temperature Low oil pressure

Auto Panel Features

- Automatic generator, grid control and fault monitoring Easy control with a user-friendly interface from the panel screen
- Remote operation with optional communication cards Manual programming with password-protected service interface
- Manual control of generator and transfer panel with buttons on the front panel
- Front panel protection class IP65
- With an operating temperature of -20 C to +70 C and a storage temperature of -40 C to +80 C



TEREX

DIESEL

0850 532 63 20

Dudullu OSB Mah. İmes B Blok, 205.sk. No:31 Ümraniye/İstanbul

www.terexgen.com.tr