

Generator Technical Data	
Genset Model:	TAD840GE
Brand:	Volvo
Output Type:	AC, 400V, 50Hz, 1500rpm, 3 phase, 0.8 lagging
Power:	168kw/210kva
Output Frequency:	50Hz
Rated Current (A):	302
Cooling System:	Water Cooling
Silent Type Gross Weight :	2500kg
Silent Type Dimension:	3600*1400*2000mm
Voltage available on request:	50Hz: 380, 400, 415, V / 220, 230, 240V 60Hz: 220, 380, 416, 440, 480V / 110, 208, 220, 240V
Standard Configuration:	1, Cooling Fan with fan guard and front guard 2, Alternator: Single bearing ,IP23,H class 3, 24V Charger 4, Shock Absorber 5, Dry Air Filter, Fuel Filter, Engine Oil Filter. 6, Smarten 6110N Automatic Control System 7, 2x 12v Start Battery with connecting cable 8, Storage Battery and battery line, Exhaust pipe, Corrugated pipe for anti-vibration, Cone Tube, Flange, Muffler 9, Silent Enclosure/Canopy 10, Documents
Alternator Parameter	
Brand:	Stamford
Model:	UCI274H
Excitation:	Single Bearing, Brushless, Self-excitation
Phase:	3 phase
Connection:	3 phase 4 wire
Rated Voltage:	400V
Frequency and speed:	50HZ/1500RPM
Power:	168kw/210kva
Insulation / Temp. rise class:	H/H
Bearing Number:	1
Power Factor:	0.8
Protection Class:	IP23
Voltage Regulation:	≤+/-1%
Tel. Harmonic Factor THF:	≤2%
Tel. Influence Factor TIF:	≤50

Altitude Condition:	≤1000M
Others:	circuit breaker, AVR
Engine Parameter	
Brand:	Volvo/ Original Country Sweden
Engine Model:	TAD840GE
Fuel	Diesel
Output Type:	1500rpm 24V Electricity Starting
Aspiration:	Turbo-changed
Power:	197kw
Cylinders:	6
Bore * Stroke:	108*130mm
Fuel System at 100% load	200g/kwh
Filter	Dry Air Filter, Fuel Filter, Engine Oil Filter, Coolant Filter
vibration damper	each foot has Shock Absorber; Load Range: 1000-1100kgf; damping ratio: 0.8C/Cc; working temperature: -40 to +70℃
Exhause and Others:	Storage Battery and battery line, Exhaust pipe, Corrugated pipe for anti-vibration, Cone Tube, Flange, Muffler,
Standard Specification	
Cooling Method:	water radiator, belt drive cooling fan with fan shield
General Feature:	exhaust muffler, starter battery , fittings, operators and service manual, etc.
 The image shows a SmartGen Genset Controller, a black rectangular device with a green LCD screen displaying various parameters like voltage, current, and frequency. It has several buttons and indicators, including a large green 'Start' button and a red 'Stop' button.	Automatic Digital Control System 1, Function: Control Panel provides necessary Monitoring, Control and Protection functions for the diesel genset. 2, Installation: Free-standing, fully enclosed dust-tight design, having concealed hinges and locking handle. 3, Generator Protections: a: Low oil pressure, b: Over temp. c: Over/low speed d: Charger failure e: Over crank f:Stop failure g:Low/high charge voltage h:Emergency i:Common alarm j:Generating failure