

#### www.stephill-generators.co.uk

+44 (0) 1933 677911

# SSDK16M

Knpota

GENERA	TOR SPECIFI	CATION		
Voltage	400/230/115			
Phase	1/3 (Multi-Phase)			
Frequency	50Hz			
Standby Power	400V @ 15.9 kVA / 12.7 kW			
Prime Power (PRP)	400V @ 14.5 kVA / 11.6 kW			
Standby Power	230/115V @ 14.8 kVA / 11.9 kW			
Prime Power (PRP)	230/115V @ 13.5 kVA / 10.8 kW			
Alternator	25kVA Meccalte ECP 28-L4C			
AVR	DSR 3Ø Electronic +/- 1%			
Fuel tank capacity	120 Litres			
Autonomy 100% load	27 Hours	4.4 L/h		
Autonomy 75% load	34 Hours	3.5 L/h	Т	
Autonomy 50% load	54 Hours	2.2 L/h	З	
Autonomy 25% load	109 Hours	1.1 L/h		
LWA	88			
dBA @ 7M	63			
dBA @ 4M	68			

15.9kVA MULTI-PHASE Super Silent Diesel Generator

ENGINE SPECIFICATION				
Engine	Kubota D1703-M-E4-BG2			
Emissions certified	EU Stage V			
Cylinders	3			
Aspiration	Naturally aspirated			
Cooling	Water cooled			
Displacement	1647cc			
Rpm	1500			
Net Engine power	Standby 14.5 kWm			
	Prime 13.2 kWm			

mecc alte

TOTAL Winding Protection 3 Year Warranty (Limited)



DIMENSIONS (mm) & WEIGHT (KG)						
Status	Length	Width	Height	Weight		
Skid dry	1800	800	1270	693		
Skid wet	1800	800	1270	787		

## **CONTROL PANEL**

- MCB overload protection.
- RCD protection on 400V & 230V.

 400V : 1 x 400V 32A & 1 x spurred 230V 16A BS4343 sockets.

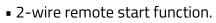
- 230V : 2 x 230V 32A & 1 x 230V 16A BS4343 sockets.
- 115V : 3 x 115V 32A & 1 x 115V 16A BS4343 sockets
- Hard wire terminals 400V & 230V.
- Fuel, oil & temperature gauges.
- Fuel pump prime button (easy bleed upon service).
- Remote start connections.
- Emergency stop.

### **STANDARD FEATURES**

- DSE 3110 control module.
- Low oil pressure and high engine temperature shutdowns.
- Low fuel level warning.
- Zintec weatherproof enclosure.
- Lifting eye.
- Heavy duty base with fork lift pockets.
- 3-Way valve (1/4" BSP) for an external tank.
- Oil drain facility.
- Battery isolator & emergency stop button for safety.
- Bunded fuel tank.

## DEEP SEA ELECTRONICS 3110 START/STOP CONTROL MODULE

- The module will display warnings, shutdowns & engine status information on the back-lit LCD screen.
- Engine shutdowns include, high engine temperature & low oil pressure. low fuel level warning.
- Monitoring & protecting AC volts & frequency (Hz).
- Hours run counter.
- Battery voltage monitoring.





## **POWER DEFINITION**

**Prime Power (PRP) :** Applicable for supplying power to varying electrical load for unlimited hours in accordance ISO 8528-1 under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturers.

**Standby Power :** An approximate overload of 10% is allowed for 1 hour in 12. This is typically used for regulation purposes and small unexpected loading.

### OPTIONS

- ATS Panel (Automatic Transfer Switch).
- Customised socket arrangement on request.
- Power Lock (Litton) connectors.
- Engine coolant heater.
- Mains battery charger.
- Auto start/stop programmable 7-day timer.
- DSE 4520 control module upgrade available.
- Telemetry remote communication available (DSE

0

- 4520 & DSE 890 required).
- Air intake shutdown valve & Spark arrestor.





www.stephill-generators.co.uk +44 (0) 1933 677911

**SIEPHILL** Generators