

## MODEL : K15PSV



Image provided for illustrative purposes only

Power Rating		
Standby power LTP	kVA	14,1
Prime power PRP	kVA	12,7

Main Features		
Frequency	Hz	50
Voltage	V	400/230V
Power factor	cos $\phi$	0,8
Phase and connection		3

Main Specifications		
Engine Make & Model	Perkins	403D-15G
Speed Governor		Mechanical
Alternator Make & Model	Linz	E1S13MD
Fuel Tank (ltrs) / Autonomy @75% load (hrs)	51	19
Noise Level - dB(A)@7mt		66
Dimensions	L x W x H (mm)	1645x870x1072
Weight	Kg	550

### General Structure

**BASE FRAME MADE OF WELDER STEEL PROFILE, COMPLETE WITH:**

- Anti-vibration mountings properly sized
- Visual fuel level indicator
- Integrated support legs.

**PLASTIC FUEL TANK, COMPLETE WITH:**

- Filler neck
- Air breather (ventilation pipe)
- External fuel refilling

**OIL DRAINING PIPE WITH CAP:**

- Oil draining facilities

**CANOPY:**

- Single piece hinged soundproof canopy equipped with pneumatic arms and handles to lift up the canopy allowing easy access to the genset for maintenance purposes.
  - Simple handling operations with central lifting eye

**SOUNDPROOF:**

- Noise attenuation thanks to soundproofing material (polyurethane foam) and efficient residential silencer placed inside the canopy.

## TECHNICAL DATA SHEET

Engine		
Brand		Perkins
Model		403D-15G
Speed Governor		Mechanical
Max power PRP	kW	12,2
R.P.M.		1500
Cylinders		3 in line
Displacement	cm <sup>3</sup>	1496
Fuel consumption at 75% of load	l/h	2,7
Cooling System		Water
Aspiration		Natural

ALTERNATOR		
Brand		Linz
Model		E1S13MD
Pole		4
Stator/rotator insulation		H
Protection level	IP	21

PHYSICAL CHARACTERISTICS		
Integrated fuel tank	LTR	51
Lead acid batteries		12V70AH
Dimensions	W x L x H (mm)	1645x870x1072
Weight	Kg	550

Noise Level dB(A) LWA		
Guaranteed Noise Level	dB(A) LWA	95
Noise Pressure Level	@ 7 mt	66

**MCP - Manual control panel**

Manual control panel, mounted on the genset and complete of: instrumentation, control, protection and sockets

**INSTRUMENTATION (ANALOGUE)**

- Voltmeter (1 phase)
- Ammeter (1 phase)
- Hours-counter

**COMMANDS AND OTHERS**

- Start/stop selector switch with key (Glow plugs preheating function also included).
- Emergency stop button

**PROTECTION WITH ALARM**

- Battery charger failure
  - Low oil pressure
- High engine temperature
  - Earth Fault

**PROTECTIONS WITH SHUTDOWN**

- Battery charger failure
  - Low oil pressure
- High engine temperature
- Circuit breaker protection: III poles

**OTHERS**

- Cover protection power switch

**OUTPUT PANEL MCP**

Socket kit Standard

Thermal protections

3P+N+T CEE 400V 32A n 1

3P+N+T CEE 400V 16A n 1

2P+T CEE 230V 16A n 2

230V 16A SCHUKO n 1



### ACP - Automatic control panel

Mounted on the genset, complete with digital control unit AC03 for monitoring, control and protection of the generating set, protected through door with lockable handle.

#### COMMANDS AND OTHERS

- Four operation modes: OFF - Manual starting - Automatic starting - Automatic test
- Pushbutton for forcing Mains contactor or Genset contactor
- Push-buttons: start/stop, fault reset, up/down/page/enter selection
- Emergency stop button.
- Remote starting availability.
- DC system disconnection switch
- Automatic battery charger
- Settable PASSWORD for protection level

#### PROTECTIONS WITH ALARM

- Engine protections: low oil pressure, high engine temperature
- Genset protections: under/over voltage, overload, under/over frequency, starting failure, under/over battery voltage, battery charger failure

#### PROTECTIONS WITH SHUTDOWN

- Engine protections: low oil pressure, high engine temperature
- Genset protection: under/over voltage, overload, under/over battery voltage
- Circuit breaker protection: III poles
- Differential protection

#### OTHERS

- Cover protection Power switch

#### OUTPUT PANEL ACP

Plinth row for connection from ACP to LTS panel.

3P+N+T CEE 400V 32A n 1

3P+N+T CEE 400V 32A n 1



#### LTS - LOAD TRANSFER SWITCH - Accessories ACP

Nominal Current	A	20
Width (W)	mm	400
Height (H)	mm	400
Depth (D)	mm	240