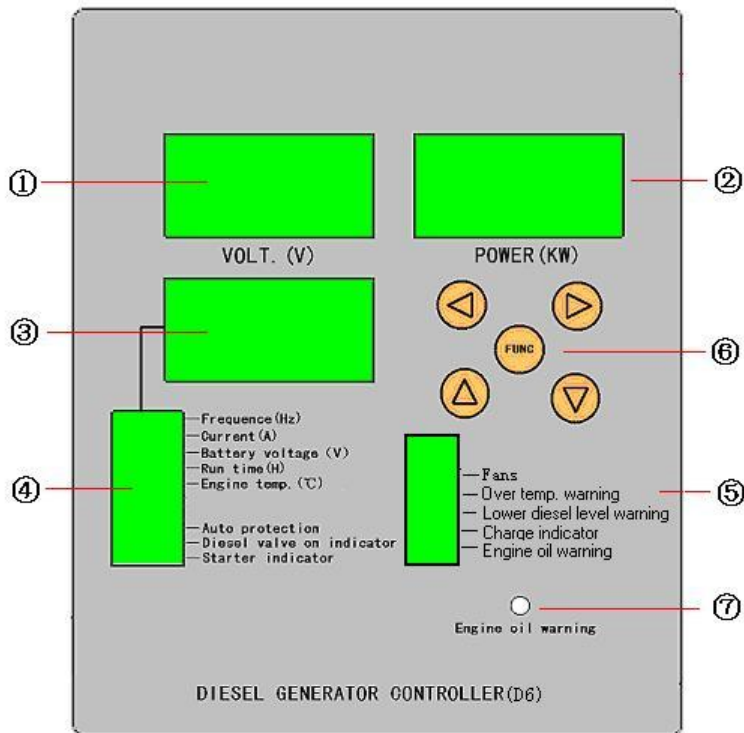




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Intelligent control panel

Standard configuration: intelligent control panel, 4 universal-direction wheel and handle, electrical starting with battery.

Options: ATS, R485 standard communication connection, heater, electric self-suction fuel pump.

Features

1. Comparing other generators with same power output, it is of compact structure (850*620*610mm), lightest weight (only 195kg) and reliable performance.

2. Application of intelligent control panel

Our company has adopted new-type intelligent control panel, which facilitates the operation. The operator can know the real working condition of the generator from panel reading. There are more than ten protections of the generator in the panel, such as protections of frequency, voltage, current, low oil pressure, low fuel level, and electric fan adjusting the temperature automatically when inner-housing temperature over 60°C, and automatic unload before engine stopped each time etc. The diesel/water separator can ensure the fuel quality.

3. Unique unloading system for stopping the generator, Steady frequency-governing ratio $\leq 3\%$, complying with military standard,

4. Application of automatic shifting switch (ATS)

Our company can fit ATS based on customer requirement, which can make the generator be automatic operation without the operator on the spot. When city power net breaks down, ATS can deliver the signal in shortest time to the generator for starting. When city power net is recovered, ATS can shift the power from the generator to city power net and the generator will be automatically stopped later.

5. Application of new-generation intelligent AVR

Our company has adopted new-generation intelligent AVR (automatic voltage-constant) to make the output voltage be steady.

. Warranty

Guarantee for one year. During the guarantee period, we will provide the free easy-damageable spare parts of diesel engine caused by our quality of production or raw material.

Model	LP12000TA	LP12000TA3
Rated frequency Hz	50 60	50 60
Rated output power (KW)	9 10	9 10
Max. power (KW)	10 11	10 11
Rated voltage V	115/230 120/240	400/230 416/240
Phase No.	Single	Three
Power factor (cosφ)	1	0.8 (lag)
Insulation	F	F
Pole No.	2	2
Exciting way	Brush, exciting-self voltage-constant (with AVR)	Brush, exciting-self voltage-constant (with AVR)
Panel type	Intelligent	Intelligent
Output socket	Single-phase socket、 wiring terminal	Three-phase socket、 single-phase socket
DC12V output	12V, 8.3A	12V, 8.3A
Dimensions: LxWxH (mm)	850x625x720	870x625x720
Net weight (Kg)	195	195
Noise (7m) dB(A)	78	78
Structure type	half-closed	half-closed
Engine model	LP2V86	LP2V86

Type	V-twin, two-cylinder, four-stroke, DI	V-twin, two-cylinder, four-stroke, DI
Cylinder No. –bore xstroke (mm)	2-86x72	2-86x72
Total displacement ml	836	836
Rated power kW/ rated speed r/min	12/3000 13/3600	12/3000 13/3600
Compressed ratio	20:1	20:1
Cooling way	Air-cooled	Air-cooled
Lubricating way	Pressure & splashing	Pressure & splashing
Starting way	Electric	Electric
Fuel used	0# (summer) -10# (winter) -35# (cold winter) light diesel	0# (summer) -10# (winter) -35# (cold winter) light diesel
Oil used	SAE10W30 (CD grade above)	SAE10W30 (CD grade above)
Lubricating oil capacity (L)	1.7	1.7
Starting motor capacity (V-kW)	12V 1.4kW	12V 1.4kW
Dynamo capacity (V-A)	12V 8.3A	12V 8.3A
Battery capacity (V-Ah)	12V 45AH	12V 45AH
Fuel consumption (g/kW.h)	≤270 ≤290	≤270 ≤290
Fuel tank capacity of the generator(L)	25	25
Continuous operation time of the generator(H)	8.5 8	8.5 8

Prices from £2950 + extras