



**SPECIFICATIONS OF 16KW PERKINS DIESEL GENSET**



**Genset Specifications :**

Power :	16kw/20KVA
Rated voltage :	400V/230V
Rated current :	28.8A
Rated frequency :	50 HZ
The factor of rated power :	0.8
The regulating rate of instantaneous voltage :	≤±15%
The regulating rate of steady voltage :	≤±0.5%
The waving rate of voltage : :	≤0.5%
Voltage waveform distortion degree :	≤5%
The time of steady voltage :	≤1.5sec
The regulating rate of steady frequency :	≤±2%
The regulating rate of instantaneous frequency :	≤±5%
The time of steady frequency :	≤3sec
The waving rate of frequency :	≤±0.5%
The waste of fuel with full load :	237g/kw.h
Open type Size (mm) :	1650*720*1200
Weight(kg) :	
Silent type Size (mm) :	
Weight(kg) :	

**Diesel engine specifications :**

Brand:	Perkins
Model:	404A-22G1
Standby power:	20KW/25KVA
Type:	four strokes, waste gas turbine boost,direct spurting type
Cooling way:	water cooling
With type:	Inline type
Bore*Trip:	84mm*90mm
Cylinder:	4cylinders
Displacement:	2.216L
Lubricating Capacity:	6.5L
Speed adjustment way:	mechanical speed
Rotating speed:	1500r/min
Starting way:	starting with electricity

**AC Alternator specifications:**



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## Diesel Generator Sets

Brand:	Stamford
Model:	PI144D
Type:	brushless (AVR automatic voltage regulating)
The connecting way of the phase:	three phases four lines
Insulation degree:	H degree
TIF:	<50
THF:	<2%
The factor of rated power:	≤±1%
Grading Protection:	IP23

### Genset packing list :

Ø Diesel Engine,alternator,control panel
Ø40℃—50℃ radiator tank, cover
Ø output MCCB w/control LCD panel
Ø 12V starting battery and connecting cable
Ø 9dBsilencer and connecting swell bellows;
Ø stainless steel base (including: High damping rubber bearing) ;
Øair filter, fuel filter & lube filter;
Østarting motor w/charging generator;
Ø enclosed documents: engine and genset technical document, manual etc.;

### Warranty

12 monthes or working in 1500 hours, whichever occurs earlier
We provide the parts foc, free services and repairs in the warranty period

### Standard:

ISO9001: 2008 CE
GB755,GB2820.5-09;IEC60034;VDE0530



### Control screen

Brand:Smartgen/Deepsea/ComAp
Features:English interface;LED screen;Touch buttons

### Based Function:

- 1.Display loading power,voltage,current,frequency,speed,temperature,oil pressure,running time,etc
- 2.Warning when low or high voltage,low or high frequency,over current,over or low speed,low or over battery voltage,etc
- 3.Over load protection,over/under frequency protection,over/under/imbalance voltage protection and low oil shutdown.

### Optional Accessories

◆Auto startup control panel
◆Automatic control panel(ATS)
◆Split type daily fuel tank;Integrated base fuel tank
◆Rainproof enclosure;Soundproof enclosure
◆Mobile power station
◆Mute power station

### Sales commitment

The products that we provide are all new, each unit all pass the strict production testing. All of our products offer warranty service, the warranty time of Genset is 12 months or accumulative total 1000 operating hours(whichever occurs first) after commissioning acceptance.



Company Overvie







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