

Generating Rate	es	Prime	Standby
Power	kVA	205	225
Power	kW	164	180
Current	(cos Phi=0,8) A	289	325
Standard Voltage	V	400/231	400/231
Revolution Per Minute	r.p.m	1500	1500
Rated At Power Factor	Cos Phi	0,8	0,8

Standard Features

- 4 stroke 1500RPM, water cooled heavy duty diesel engine
- Dry type replacable air filter
- Heat-resistant radiator for 50 °C
- Flexible oil pipes and oil draining valve
- Pre-heater 4 poles synchrontype, single bearing, brushless alternator
- Batteries and cables
- Electrostatic paint coated, steel, welded chassis
- Fuel tank housed in the chassis Industrial type silencer
- Electronic battery charger
- Electrical wiring diagram
- User manual and operating manual
- Protection system on manual run
- Lubrication oil and anti freeze

Optional Equipments

- Soundproof canopy
- Automatic transfer switch
- Circuit Breaker
- Trailer
- External fuel tank
- Electronic governor
- Heating system for fuel tank
- Oil heater
- Fuel filling system (Automatic / Manual)
- Analog indicators
- 1 Phase 3 phase switch plugs
- Alarm system for fuel level
- Remote control and monitoring

- Prime Power: Supplying of electrical power at variable load for an unlimited number of hours in the event of normal utility powerfailure according to ISO8528-1. 10% over load capability is available.
- Stand By Power: Supplying of electrical power at variable load, in the event of normal utility power failure according to ISO8528-1. This rating is maximum power, no overload capability is available.
- w w w . f a m c o c o r p . c o m
- 🔁 E-mail: info@famcocorp.com
- @famco_group

- (Tel:071- F A 0 0 0 0 F 9
- (a) Fax:011 FF99F9F1



Engine Specifications		
Brand		PERKINS
Model		1106A-70TAG4
Engine Power	(kWm / hp)	191,3/260
Revolution Per Min	(r.p.m)	1500
Total Displacement	(L)	7,01
Cylinders Orientation		6 Vertical In-line
Broke x Stroke	(mm x mm)	105/135
Compression Orientation		16 : 1
Governor Type		Electronic
Aspiration System		Turbo AAC
Injection		Direct
Cooling		Water Cooled
Electrical System	(VDC)	12
Lub-oil Capacity	(L)	18
Engine Coolant Capacity	(L)	21
Fuel Tank Capacity	(L)	351
Maximum Exhaust Temperature	(°C)	550
Maximum Exhaust Gas Flow	(m3/h)	36,8
Maximum Allowed Back Pressure	(kPa)	21
Cooling Air Flow	(m3/min)	223
Fuel Consumption 50 %	(L/h)	23,1
Fuel Consumption 75 %	(L/h)	34,7
Fuel Consumption 100 %	(L/h)	45,8

Replacable cylinder jacket

Heat-resistant radiator for 50 °C

Alternator Specifications		
Standard Voltage	(V)	400/231
Frequency	(Hz)	50
Stationary Voltage Regulation	(±)	1
Short Circuit Current		300
Insulation		Н
Protection		IP 23
Efficiency	(%)	92,5
Overloading		1 Hour - %110
Rated At Power Factor	(cos Phi)	0,8
Гotal Harmonic Distortion Rate		2
Connection Style		Star
Number of Pole		4
Number of Bearing		Single

Self-cooled

w w w . f a m c o c o r p . c o m



[@]famco_group

Dry type replacable air filter

Electronic type automatic voltage regulator (AVR)

⁴ poles, self-excitation, brushless, synchrontype alternator

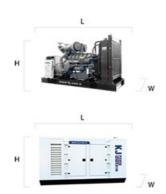


Dimensions Without Canopy and Weight

WIDTH x LENGTH x HEIGTH	mm	1150x2800x1800
Wet Weight	kg	1759

Dimensions With Canopy and Weight

WIDTH x LENGTH x HEIGTH	mm	1150x3500x2110
Wet Weight	kg	2234



Control Panel Features

- Diesel and gas genset support
 Weekly Operation Schedule
- 400Hz operation support
 Dual mutual standby with equal aging of
- 400 event logs full snapshot
 Manual speed fine adjust some ECU's
- Multiple Automatic test program
 Automatic fuel pumpcontrol
- 3 level configuration password
 Disable protection feature
- Downloadable language
 Reverse power protection

- Synchroscope & check synch
 Multiple load management
- 16 Amp MCB & GCB outputs
 Waveform display of V&I
- 8 configurable digital outputs
 Battery back-up real time clock
- Outputs expandable to 40 Idle speed control
 - All parameters front panel editable

- Multiple nominal conditions
- Contactor & MCB drive
- 4 quadrant genset power counters
- Mains power counters
- Fuel filling counter
- Fuel consumption counter
- Free configuration software
- Allow SMS controls
- Mobile genset support
- Automatic GSM geo-location
- GPS connectivity (USB & RS232)
- Modem & ethernet diagnostic
- Configurable through USB, RS-485, Ethernet and GPRS
- Ready for central monitoring Ethernet and GPRS

🔞 w w w . fa m cocorp . com

4 configurable analog outputs

Battery charge run enabled

- 🔁 E-mail: info@famcocorp.com
- @famco_group

(Tel:071- F A 0 0 0 0 F