

Features

- » Compact structure with high-strength chassis;
- » Easy operation and maintenance, low cost;
- » Excellent performance damping
- » Compliance with international electrical safety standards of electrical
- » 8 hours base tank;
- » High-performance maintenance-free batteries with isolation switch;
- » 50°C Radiator;
- » Forklift bottom hole design, easy to transport;
- » Industrial muffler;
- » Noise reduction structure, low noise;
- » Convenient power output interface;
- » IP56(control system);
- » Customized design for user;



Technical Data

Model		HC20
Prime power	kW	16.0
	kVA	20.0
Standby power	kW	17.6
	kVA	22.0
Rated voltage	V	400/230
Rated current	A	28.8
Sound level	dB(@7m)	≤72

Engine

Brand		Ricardo
Model		Y490D
Aspiration		Natural
No. of cylinder		4
Fuel injection system		Direct Inject
Displacement	Liquid	2.672
Bore/Stroke	mm	90*100
Compression ratio		22
Rated speed	rpm	1500
Rated power	kW	17
Governing method		Mechanical
Starting Motor	V	12

Exhaust System

Exhaust gas flow	m ³ /min	/
Exhaust gas temp	°C	/
Max back pressure	kPa	10.2

Air Intake System

Max intake restrictio	kPa	/
Consumption	m ³ /min	/
Air flow	m ³ /min	/

Fuel System

100% load	L/h	4.25
75% load	L/h	3.18
50% load	L/h	2.13
Fuel tank capacity	L	70

Lubrication System

Oil capacity	L	8
Oil consumption	g/kw.h	≤4
Min oil pressure	Mpa	0.2-0.4

Cooling System

Coolant capacity	L	9.4
Thermostat	°C	82-95
Top tank temperatur	°C	104

Alternator

	EXCEL	ZL184ES
Model		
Phase		3.0
Voltage	V	400/230
Wiring type		3 Phase 4 wire
Bearing		1
Power factor		0.8
Frequency	Hz	50
Prime power	kW	16
Exciter type		Brushless,self-excitation
Voltage regulation	%	±0.5
Protection grade		IP23
Insulation grade		H/H
Altitude	m	≤1000

Controller

Brand Smartgen
Model HGM420N

- HGM400N series genset controllers integrate digitization, intelligentization and network technology which are used for genset;
- automation and monitor control system of single unit to achieve;
- automatic start/stop, data measurement, alarm protection and “three remote” (remote control, remote measuring and remote communication;
- SG485 module must be fitted). It fit with LCD display, optional languages interface (Chinese, English, Spanish, Turkish, Russian and French), and it is reliable and easy to use.



Dimension and Weight

	Open type	Silent type
Model	EP-HC20	EPS-HC20
Length(L) (mm)	1300	1900
Width(W) (mm)	700	930
Height(H) (mm)	1000	1250
Weight (kgs)	540	747