

HYUNDAI

POWER EQUIPMENT

HYUNDAI ENGINE

Standby Power 125KVA

111 | BBB TTT FSSS QQQ INI

DHY125KE

DHY125KSE

Diesel Generator



All Days | Safty | Reliable | Stability



TECHNICAL SPECIFICATION

DHY125KE OPEN TYPE / DHY125KSE CANOPY TYPE

50Hz
Standby 125KVA

Benefits and Feature

- > Use HYUNDAI best quality vehicle engine, low fuel consumption, running reliable
- > HYUNDAI high quality and performance brushless alternator, with AVR
- > Block design electrical control system, easy operate and maintenance
- > Standard 8 hours generator running base frame fuel tank (100% load)
- > With baseframe forklift hole and generator canopy lifting hole
- > Industrial waterproof canopy, ensure generator all days running
- > Easy operation, IP23 protection industrial sockets and plugs
- > Four pole circuit breaker with RCD earth protection
- > Standard ATS function connector

Technical Specification

Prime Power	KVA/ KW	112.5 / 90
Standby Power	KVA/ KW	123.8 / 99
Power Factor		0.8
Frequency	Hz	50
Rate Voltage	V	400/230
Rate Current	A	162.4
Controller		Microprocessor
Control Voltage	DC / V	DC24
Battery Capacity	Ah	60x2
Coolant Capacity	L	34
Fuel Tank Capacity(Base frame)	L	275
Fuel Consumption	L/hour	26.17
Running Time	Hour	10.5

Voltage

Steady state regulation	%	≤ ± 0.5
Dynamic voltage renewal	%	≤ +20~-15
Stable time	Sec	2.0
Waveform distortion	%	≤ 3
Volatility	%	≤ 0.5

Frequency

Steady state regulation	%	≤ ± 1
Dynamic frequency renewal	%	≤ +10~-7
Stable time	Sec	≤ 3
Volatility	%	≤ 0.5

Environment require

Temperature	C	≤ 40
Humidity	%	≤ 60
Altitude	m	≤ 1000

Standard

* 40	IEC 40	IEC 40
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Dimension | Weight | Sound



DHY125KE OPEN TYPE

Length	mm
Width (W)	mm
Height (H)	mm
Weight net	Kg
loading capacity (units/container)	
Sound @7 meter	dB



DHY125KSE CANOPY TYPE

Length	mm	
Width (W)	mm	
Height (H)	mm	1760
Weight net	Kg	1530
loading capacity (units/container)		
Sound @7 meter	dB	

Note

1. Generator continuous running at variable load for unlimited periods with 10% overload available for 1 hour in any 12 hours period
2. Every generator strictly test on 0%、25%、75%、100%、110% load、dynamic of the responsiveness ability, and all protections

CONTROL PANEL

\$ P O U S P M \$ N F IntelLite 9

4VQQPSU FOHJOF BOE BM
 NPOJUPSJOHKNFBTVSFNF
 QSPUFDUJPO 5IJT JT MPO
 CBDL VQ VOJU UP JOUFH\$
 XBZ UP DPOUSPMÌ TVQQP
 TUBOEBSSEKNPEFNK34 È
 34 È64# BOE JOUFSOFU

\$ P O U S P M Q B O F M

• \$ P N IntelLite 9
 • " 5 4 D P O O F D U P S
 • Q J O
) F B W Z E V U Z D P O O F D U P S

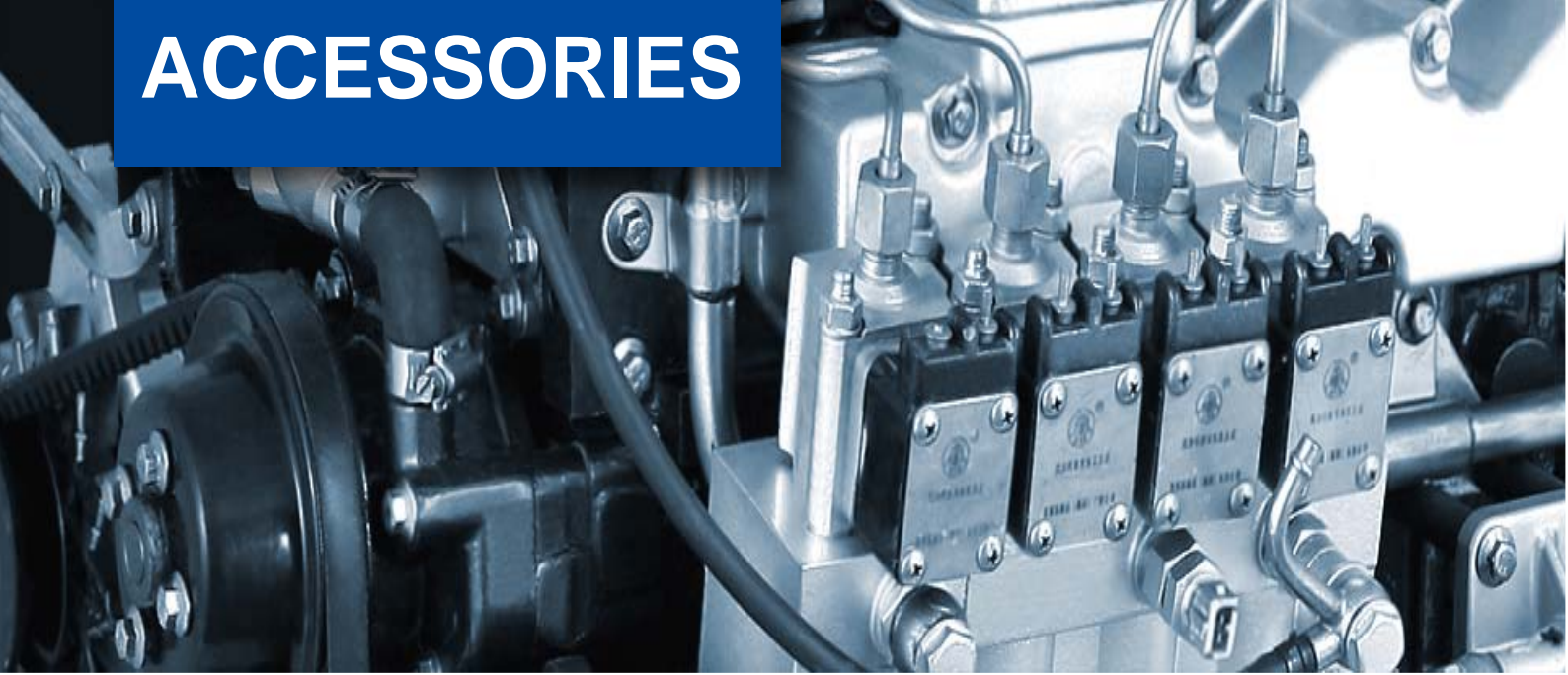
Measurementdisplayment	IntelLite 9
Genset prime power Kw	Å
Power factor	Å
Engine speed	Å
Phase to neutral voltage	Å
Phase to phase voltage	Å
Genset frequency	Å
Genset current	Å
Mains Phase to neutral voltage	Å
Mains Phase to phase voltage	Å
Mains frequency	Å
Engine oil pressure	Å
Engine water temperature	Å
UPS	Å
Battery Voltage	Å
Genset power KVA	Å
Genset running time	Å
Genset output KWh	Å
History file	Å
Alarm shutdown function	
Low oil pressure warning,shutdown	Å
High water temperature warning,shutdown	Å
Engine over and under speed shutdown	Å
Low fuel level warning,shutdown	Å
Battery low and high voltage warning	Å
Battery charging failure	Å
Genset low and high voltage warning, shut down	Å
Alternator 3 phase voltage unbalance shut down	Å
Alternator low and high frequency warning,shutdown	Å
Genset over load shutdown	Å
Alternator 3 phase current unbalance shutdown	Å
Mains low and high voltage warning	Å
Mains low and high frequency warning	Å
Optional	
Remote start and stop	Å
RS232 card	Å
USB card	Å
RS485 card	Å
Multi language display	Å
GPRS communication	Å
GPS communication	Å

Q I B T F T P D L F U

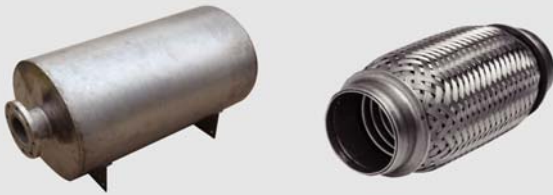
Å T U B O E B S E

Å P Q U J P O

ACCESSORIES



Exhaust system



Residential muffler

Exhaust gas pipe

preheating system



Water preheater

Oil preheater

alternator Anti-condensation heater

Fuel system



Auto filling fuel pump

Manual filling fuel pump

500L base frame fuel tank

1000L base frame fuel tank

500L External fuel tank

1000L External fuel tank

electrical system



AMF20 controller

IC-NT
synchronizing
controller

wireless remote starter

Maintenance spare parts



500 hours genset spare parts

1000 hours genset spare parts