15-20kW H60 SERIES

HAIFENG POWER

Home Standby Generators



TRIPLE CERTIFIED

EPA + ETL + CARB

Digital certificates before order

Choose factory-direct standby power

Haifeng Power H60 Series generators provide automatic backup power for North American homes. Connected to existing natural gas or LPG fuel supply, the PD15REG-DB 15kW and PD20REG-DB 20kW models are built for dependable outage protection, import-ready compliance, and clean power for sensitive appliances and electronics.

Features & Benefits:

L4

LIQUID-COOLED L4-465QR ENGINE

1016cc inline 4-cylinder engine with closed-loop water cooling and 5,000+ hr design life for extended blackout operation.

Cu

COPPER ALTERNATOR + AVR

100% copper windings on stator and rotor, AVR +/-1% regulation, and THD < 5% for cleaner generator output.

69

69dB ULTRA-QUIET AT 23FT

Dual-layer steel plus soundproof cotton enclosure. HOA and noise-regulated community friendly.

NG

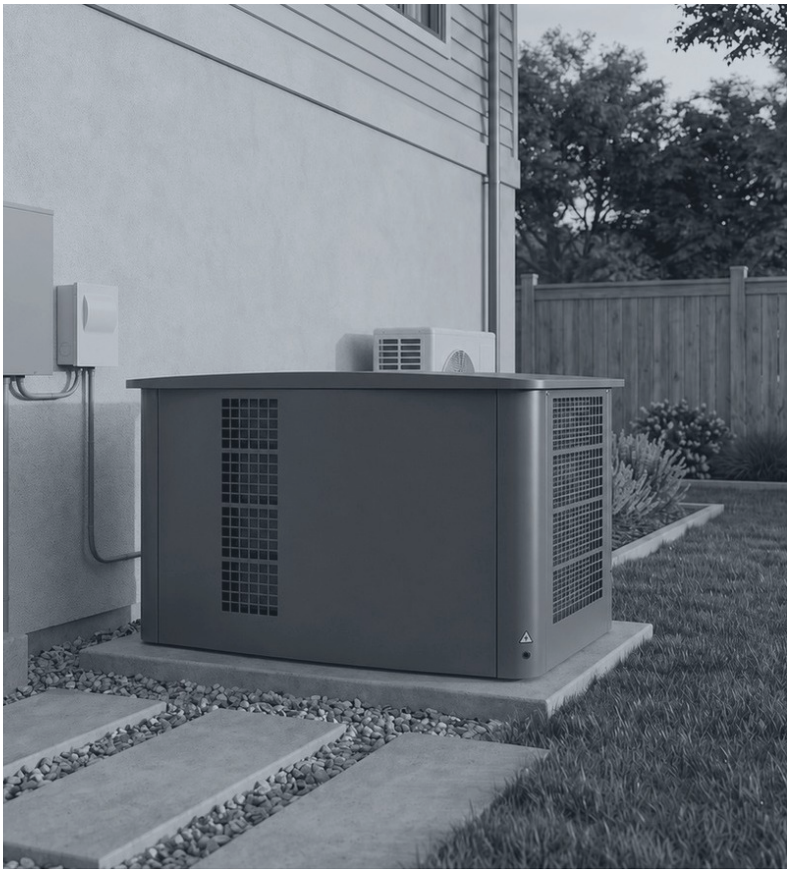
DUAL FUEL: NG + LPG

Switch fuel source without hardware changes: pipeline natural gas or propane tanks on the same platform.

3x

EPA + ETL + CARB CERTIFIED

Pre-approved positioning for North American import, with digital certificates available before order.



15-20kW H60 SERIES

Engineered for longer life



Inside the H60

Purpose-built liquid-cooled architecture, standard on both PD15REG-DB 15kW and PD20REG-DB 20kW models.

1. **RADIATOR + COOLING**
   Closed-loop water cooling manages heat during extended operation.

2. **L4-465QR ENGINE**
   1016cc inline 4-cylinder platform with 5,000+ hr design life.

3. **AIR INTAKE + FILTRATION**
   Serviceable intake system supports cleaner, consistent airflow.

4. **SMARTGEN CONTROL**
   HSC940 controller and 200A breaker provide integrated system control.

The liquid-cooled advantage

Built for multi-day blackout duty, the H60 platform combines longer design life with quieter operation in demanding weather.

5,000+
HR DESIGN LIFE

69 dB
AT 23 FT

- Closed-loop cooling for stable engine temperature
- Dual-layer steel and soundproof cotton enclosure
- NG + LPG operation without hardware changes



Air-Cooled · 2,000hr Design Life · 75-85dB



Liquid-Cooled · 5,000+hr Design Life · 69dB Ultra-Quiet

2,000/75-85	5,000+/69

15-20kW H60 SERIES

Home Standby Generators

SPECIFICATIONS (NG/LPG)	15kW	20kW
Model	PD15REG-DB	PD20REG-DB
Fuel type	NG / LPG	NG / LPG
Rated power (LPG)	15kW[19kVA]	20kW [25kVA]
Rated power (NG)	15kW[19kVA]	18kW [22.5kVA]
Rated voltage	120/240[120/208]	120/240 [120/208]
Rated current (LPG)	62.5 [52.1]	83.3 [69.4]
Rated current (NG)	62.5 [52.1]	75 [62.5]
Phase	Single [Three]	Single [Three]
Engine/alternator RPM	3600	3600
Power factor	1.0 [0.8]	1.0 [0.8]
Engine part no.	465QR	465QR
Displacement	1016	1016
Compression ratio	9.5:1	9.5:1
Ignition system	ECM ignition	ECM ignition
Electric start	YES	YES
Bore and stroke	L4-65.5 x 74 mm	L4-65.5 x 74 mm
Aspiration type	Natural aspiration	Natural aspiration
Oil capacity	3.5	3.5
Recommended battery start current	445A	445A
Cooling system	Liquid cooled	Liquid cooled
	Synchronous generator, rotating magnetic field	Synchronous generator, rotating magnetic field
Voltage regulation	AVR	AVR
THD at full load	<= 5%	<= 5%
Insulation class	F	F
Stator winding material	Copper	Copper
Rotor winding material	Copper	Copper
Connection method	Direct coupling	Direct coupling
Controller model	HSC940	HSC940
Auto/manual/shutdown	YES	YES
Alternator voltage detection	YES	YES
Low oil protection	YES	YES
Over-frequency protection	YES	YES
Low-frequency protection	YES	YES
Canopy	Powder coating	Powder coating
Warranty	1	1
Protection level	IP 23	IP 23
Emergency stop switch	YES	YES
Enclosed muffler	YES	YES
Sound insulation	Double metal plate + soundproof cotton	Double metal plate + soundproof cotton
Noise at normal speed, 23 ft (7 m)	69	69
NG consumption, 100% load	6.6	7.8
LPG consumption, 100% load	3.8	4.2
Gas pressure range	1.7-3.5	1.7-3.5
Unit dimensions	1376 x 810 x 960 mm	1376 x 810 x 960 mm
Package dimensions	1470 x 900 x 1100 mm	1470 x 900 x 1100 mm
Net weight	345	345
Gross weight	380	380
20/40/40HP container loading	20/40/40	20/40/40

HF

FACTORY-DIRECT DEALER SUPPORT

FOB Shanghai, MOQ 1 unit, 15-20 day lead time, digital certificate package before order, and 20 units per 20ft container.