



hudson
TURNS YOU ON

Hudson. Turns you on.

Hudson Machinery Inc was built by 20 years professional team for designing and manufacturing high quality commercial and residential homestandby generator, providing reliable power equipment with consistent service to companies, families, stores, schools,hospitals.

We manufacture and distribute homestandby to Europe, South America and USA for ten years with EPA and UL certificate, built a strategic cooperation with world famous international company.

With efficient installation and easy maintainance, we are confident to provide the most affordable homestandby to guarantee power independence in a variety of extreme disastrous weather challenges.



50Hz (3000rpm) Technical data

50Hz (3000rpm) | Home standby generator set



MODELS	HDS7.5 REG	HDS12 REG	
Rate power	7.5kW	15kVA / 12kW	
Rated voltage (optional)	230V	230V	230V / 400V
Rated load current (A)	32.6	52.2	21.7
Phase (optional)	Single phase two wire	Single phase two wire	Three phase four wire
Engine Model	R500D	R740D	
Displacement (cc)	500	739	
Compression ratio	8.5 : 1	8.5 : 1	
Ignition	Transisitor ignition	Transisitor ignition	
E-Start	Yes	Yes	
Fuel type (Optional)	NG / LPG	NG / LPG	
Rcommended lubricating oil	SAE 5W-30	SAE 5W-30	
Oil capacity	1.3L	1.4L	
Cooling system	Air cooled	Air cooled	
Motor type	Excitation motor	Excitation motor	
Unit size (Length × Wide × Height) mm	1040 x 738 x 685	1040 x 738 x 685	
Package size (Length × Wide × Height) mm	1125 x 815 x 840	1125 x 815 x 840	
Net weight (kg)	178	225	
Gross weight (kg)	205	258	
Accessories			
Oil funnel	Yes	Yes	
Battery	Sold individually	Sold individually	
Ground stud	Sold individually	Sold individually	
Rubber pad	Sold individually	Sold individually	
Forklift	Sold individually	Sold individually	
PC levelATS	Sold individually	Sold individually	
Battery charger	Yes, equip with ATS	Yes, equip with ATS	

50Hz (3000rpm) | Home standby generator set



MODELS	HDS15REG		HDS20REG	
Rate power	19kVA / 15kW		25kVA / 20kW	
Rated voltage (optional)	230V	230V / 400V	230V / 400V	
Rated load current (A)	66	27	36	
Phase (optional)	Single phase two wire	Three phase four wire	Single phase two wire	Three phase four wire
Engine Model	2V90		2V90	
Displacement (cc)	999		999	
Compression ratio	8.7 : 1		8.7 : 1	
Ignition	Transisitor ignition		Transisitor ignition	
E-Start	Yes		Yes	
Fuel type (Optional)	NG / LPG		NG / LPG	
Rcommended lubricating oil	SAE 5W-30		SAE 5W-30	
Oil capacity	1.9L		1.9L	
Cooling system	Air cooled		Air cooled	
Motor type	Excitation motor		Permanent magnet motor	
Unit size (Length × Wide × Height)	1060 x 890 x 840		1060 x 890 x 840	
Package size (Length × Wide × Height)	1155 x 985 x 995		1155 x 985 x 995	
mm				
Net weight (kg)	280		282	
Gross weight (kg)	320		322	
Accessories				
Oil funnel	Yes		Yes	
Battery	Sold individually		Sold individually	
Ground stud	Sold individually		Sold individually	
Rubber pad	Sold individually		Sold individually	
Forklift	Sold individually		Sold individually	
PC levelATS	Sold individually		Sold individually	
Battery charger	Yes, equip with ATS		Yes, equip with ATS	

50Hz (3000rpm) | Commercial standby generator set



MODELS	HDS19000		HDS25000
Rate power	19kVA / 15kW		25kVA / 20kW
Rated voltage (optional)	230V	230V / 400V	230V / 400V
Rated load current (A)	68	27	36
Phase (optional)	Single phase two wire	Three phase four wire	Three phase four wire
Engine Model	465QR		CG12
Displacement (cc)	998		1216
Compression ratio	8.5 : 1		9.8 : 1
Ignition	ECU		ECU
E-Start	Yes		Yes
Fuel type (Optional)	NG / LPG		NG / LPG
Rcommended lubricating oil	SAE 5W-30		SAE 5W-30
Oil capacity	3.5L		3.5L
Cooling system	Water cooled		Water cooled
Motor type	Excitation motor		Excitation motor
Unit size (Length × Wide × Height)	1290 × 825 × 940		1290 x 825 x 940
Package size (Length × Wide × Height)	1350 x 880 x 1100		1350 x 880 x 1100
mm			
Net weight (kg)	422		437
Gross weight (kg)	462		477
Accessories			
Oil funnel	Yes		Yes
Battery	Sold individually		Sold individually
Ground stud	Sold individually		Sold individually
Rubber pad	Sold individually		Sold individually
Forklift	Sold individually		Sold individually
PC levelATS	Sold individually		Sold individually
Battery charger	Yes, equip with ATS		Yes, equip with ATS

50Hz (3000rpm) | Commercial standby generator set

Notes



MODELS	HDS37500
Rate power	37.5kVA / 30kW
Rated voltage (optional)	230V / 400V
Rated load current (A)	53
Phase (optional)	Three phase four wire
Engine Model	481Q
Displacement (cc)	1587
Compression ratio	9.5 : 1
Ignition	ECU
E-Start	Yes
Fuel type (Optional)	NG / LPG
Rcommended lubricating oil	SAE 5W-30
Oil capacity	3.5L
Cooling system	Water cooled
Motor type	Brushless excitation motor
Unit size (Length × Wide × Height) mm	1560 x 890 x 970
Package size (Length × Wide × Height) mm	1640 x 970 x 1100
Net weight (kg)	525
Gross weight (kg)	550
Accessories	
Oil funnel	Yes
Battery	Sold individually
Ground stud	Sold individually
Rubber pad	Sold individually
Forklift	Sold individually
PC level ATS	Sold individually
Battery charger	Yes, equip with ATS



60Hz (3600rpm) Technical data

60 Hz (3 6 0 0 rpm)



MODELS	HDS10 RCA		HDS14 RCA	
Rate power	10kW		14kW	
Rated voltage	120V / 240V		120V / 240V	
Rated load current (A)	41.7 LP / 37.5 NG		58 LP / 50 NG	
Voltage	Dual voltage		Dual voltage	
Engine	H500D		H740D	
Displacement (cc)	500		739	
Compression ratio	8.5 : 1		8.5 : 1	
Ignition	Transisitor ignition		Transisitor ignition	
E-Start	Yes		Yes	
Fuel type	LP/ NG		LP/ NG	
Rcommended lubricating oil	SAE 5W-30		SAE 5W-30	
Oil capacity (L) (qt)	1.3L	1.4qt	1.4L	1.5qt
Cooling system	Air cooled		Air cooled	
Model size (Length × Wide × Height) mm/in	1040 x 738 x 685	41 x 29 x 27	1040 x 738 x 685	41 x 29 x 27
Package size (Length × Wide × Height) mm/in	1125 x 815 x 840	44 x 32 x 33	1125 x 815 x 840	44 x 32 x 33
Net weight (kg) (lb.)	178	392	225	496
Gross weight (kg) (lb.)	205	452	258	569
Accessories				
Oil funnel	Yes		Yes	
Battery	Yes		Yes	
Battery charger	Yes, Included in ATS		Yes, Included in ATS	
Ground stud	Yes		Yes	
Mounting rack	Yes		Yes	
Rubber pad	Sold individually		Sold individually	
Forklift	Sold individually		Sold individually	
Service kit	Yes (Simple maintenance tools)		Yes (Simple maintenance tools)	

60 Hz (3 6 0 0 rpm)



MODELS	HDS22 RCA	
Rate power	22kW	
Rated voltage	120V / 240V	
Rated load current (A)	91.7 LP / 81.3 NG	
Voltage	Dual voltage	
Engine	H999D	
Displacement (cc)	999	
Compression ratio	8.7 : 1	
Ignition	Transistor ignition	
E-Start	Yes	
Fuel type	LP/ NG	
Rcommended lubricating oil	SAE 5W-30	
Oil capacity (L) (qt)	1.9L	2.0 qt
Cooling system	Air cooled	
Model size (Length × Wide × Height) mm/in	1060 × 890 × 840	41.7 × 35.0 × 33.1
Package size (Length × Wide × Height) mm/in	1155 x 815 x 995	45.5 × 32.1 × 39.2
Net weight (kg) (lb.)	303	668
Gross weight (kg) (lb.)	343	756
Accessories		
Oil funnel	Yes	
Battery	Yes	
Battery charger	Yes, Included in ATS	
Ground stud	Yes	
Mounting rack	Yes	
Rubber pad	Sold individually	
Forklift	Sold individually	
Service kit	Yes (Simple maintenance tools)	

60 Hz (3 6 0 0 rpm)



MODELS	HDS24 RCA		HDS26 RCA	
Rate power	24kW		26kW	
Rated voltage	120V / 240V		120V / 240V	
Rated load current (A)	100 LP / 87.5 NG		108.3 LP/ 93.8 NG	
Voltage	Dual voltage		Dual voltage	
Engine	H999D		H999D	
Displacement (cc)	999		999	
Compression ratio	8.7 : 1		8.7 : 1	
Ignition	Transistor ignition		Transistor ignition	
E-Start	Yes		Yes	
Fuel type	LP/ NG		LP/ NG	
Rcommended lubricating oil	SAE 5W-30		SAE 5W-30	
Oil capacity (L) (qt)	1.9L	2.0qt	1.9L	2.0qt
Cooling system	Air cooled		Air cooled	
Model size (Length × Wide × Height) mm/in	1060 × 890 × 840	41.7 × 35.0 × 33.1	1060 × 890 × 840	41.7 × 35.0 × 33.1
Package size (Length × Wide × Height) mm/in	1155 × 815 × 995	45.5 × 32.1 × 39.2	1155 × 815 × 995	45.5 × 32.1 × 39.2
Net weight (kg) (lb.)	308	679	308	679
Gross weight (kg) (lb.)	348	767	348	767
Accessories				
Oil funnel	Yes		Yes	
Battery	Yes		Yes	
Battery charger	Yes, Included in ATS		Yes, Included in ATS	
Ground stud	Yes		Yes	
Mounting rack	Yes		Yes	
Rubber pad	Sold individually		Sold individually	
Forklift	Sold individually		Sold individually	
Service kit	Yes (Simple maintenance tools)		Yes (Simple maintenance tools)	

60 Hz (3 6 0 0 rpm)

Notes



MODELS	HDS20 REL	
Rate power	20kW	
Rated voltage	120V / 240V	
Rated load current (A)	83.3 LP / 75 NG	
Voltage	Dual voltage	
Engine	465 QR	
Displacement (cc)	998	
Compression ratio	8.5 : 1	
Ignition	ECU	
E-Start	Yes	
Fuel type	LP / NG	
Rcommended lubricating oil	SAE 5W-30	
Oil capacity (L) (qt)	3.5L	3.7 qt
Cooling system	Water cooled	
Model size (Length × Wide × Height) mm/in	1376 × 810 × 960	54.2 × 31.9 × 37.8
Package size (Length × Wide × Height) mm/in	1470 × 900 × 1100	57.9 × 35.4 × 43.3
Net weight (kg) (lb.)	350	772
Gross weight (kg) (lb.)	390	860
Accessories		
Oil funnel	Yes	
Battery	Yes	
Battery charger	Yes, Included in ATS	
Ground stud	Yes	
Mounting rack	Yes	
Rubber pad	Sold individually	
Forklift	Sold individually	
Service kit	Yes (Simple maintenance tools)	



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