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





		Ta Ta
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 Three phase two wire 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 level ATS	Sold individually	Sold individually
Battery charger	Yes, equip with ATS	Yes, equip with ATS

50Hz (3000rpm) | Home standby generator set





MODELS	HDS15REG	HDS15REG			
Rate power	19kVA /15k	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	8.7 : 1	
Ignition	Transisitor ignition	on	Transisitor igniti	on	
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		1.9L	
Cooling system	Air cooled		Air cooled	Air cooled	
Motor type	Excitation motor		Permanent mag	Permanent magnet motor	
Unit size (Length × Wide × Height)	1060 x 890 x 840	1	1060 x 890 x 840)	
Package size (Length × Wide × Height)	1155 x 985 x 995		1155 x 985 x 995	5	
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		Sold individually	
Forklift	Sold individually	Sold individually		Sold individually	
PC level ATS	Sold individually	Sold individually		Sold individually	
Battery charger	Yes, equip with A	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 level ATS	Sold individually		Sold individually
Battery charger	Yes, equip with ATS		Yes, equip with ATS

50Hz (3000rpm) | Commercial standby generator set



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



60 Hz (3600 rpm)





Rated voltage	MODELS	HDS10 RCA		HDS14 RCA		
Alice Alic	Rate power	10kW	10kW		14kW	
Dual voltage	Rated voltage	120V / 240V	120V / 240V		120V / 240V	
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 Recommended lubricating oil SAE 5W-30 SAE 5W-30 Dil capacity (L) (qt) 1.3L 1.4qt 1.4L 1.5qt Cooling system Air cooled Air cooled Model size Length x Wide x Height) mm/in 125 x 815 x 840 41 x 29 x 27 1040 x 738 x 685 41 x 29 x 27 Length x Wide x Height) mm/in 125 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 Dil 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 Forklift Sold individually Sold individually	Rated load current (A)	41.7 LP / 37.5 NG		58 LP / 50 NG	58 LP / 50 NG	
Displacement (cc) 500 739	Voltage	Dual voltage		Dual voltage	Dual voltage	
Compression ratio 8.5 : 1 Ignition Transisitor ignition Transisitor ignition E-Start Yes Yes Fuel type LP / NG Recommended lubricating oil SAE 5W-30 SAE 5W-30 SAE 5W-30 SAI	Engine	H500D		H740D		
Ignition Transisitor ignition Transisitor ignition Transisitor ignition E-Start Yes Yes Fuel type LP/ NG LP/ NG Recommended lubricating oil SAE 5W-30 SAE 5W-30 Dil 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 × 738 × 685 41 × 29 × 27 1040 × 738 × 685 41 × 29 × 27 Package size Length × Wide × Height) mm/in 1125 × 815 × 840 44 × 32 × 33 1125 × 815 × 840 44 × 32 × 33 Net weight (kg) (lb.) 178 392 225 496 Scross weight (kg) (lb.) 205 452 258 569 Accessories Dil funnel Yes Yes Battery Yes Yes Battery Yes Included in ATS Ground stud Yes Yes Mounting rack Yes Yes Rubber pad Sold individually Sold individually Forklift Sold individually	Displacement (cc)	500		739		
F-Start Yes Yes Fuel type	Compression ratio	8.5 : 1		8.5 : 1	8.5 : 1	
Fuel type LP / NG Recommended lubricating oil SAE 5W-30 SAE 5W	Ignition	Transisitor ignition	n	Transisitor ignitio	Transisitor ignition	
Recommended lubricating oil SAE 5W-30 SAE 5W-30 1.3L 1.4qt 1.4L 1.5qt Cooling system Air cooled Model size Length × Wide × Height) mm/in Package size Length × Wide × Height) mm/in Package size Length × Wide × Height) mm/in Net weight (kg) (lb.) 178 392 225 496 Sacsos weight (kg) (lb.) 205 452 258 569 Accessories Dil funnel Yes Yes Battery Yes Battery Yes Foround stud Yes Yes Mounting rack Yes Rubber pad Sold individually Sold individually Forklift Sold individually Sold individually	E-Start	Yes		Yes	Yes	
Dil capacity (L) (qt) 1.3L 1.4qt 1.4L 1.5qt 1.4L 1.4L 1.5qt 1.4L 1.5qt 1.4L 1.5qt 1.4L 1.4L 1.4L 1.4L 1.4L 1.4L 1.5qt 1.4L 1.4L 1.4L 1.4L 1.4L 1.4L 1.4l 1.4L 1.5qt 1.4L	Fuel type	LP/ NG		LP/ NG		
Air cooled Model size Clength × Wide × Height) mm/in Package size Clength × Wide × Max Saturation Package size Clength × Wide × Max Saturation Package s	Rcommended lubricating oil	SAE 5W-30	SAE 5W-30		SAE 5W-30	
Model size Clength × Wide × Height) mm/in	Oil capacity (L) (qt)	1.3L	1.4qt	1.4L	1.5qt	
Package size (Length × Wide × Height) mm/in Package size (Length	Cooling system	Air cooled		Air cooled		
Accessories Dil funnel Yes Sattery Yes Sattery Yes Hounding rack Yes Sold individually Forklift Sold individually 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 33 1125 x 815 x 840 44 x 32 x 35 496 569 Sold individually Sold individually	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	
Gross weight (kg) (lb.) 205 452 258 569 Accessories Dil funnel Yes Yes Battery Yes Yes Battery charger Yes, Included in ATS Yes, Included in ATS Ground stud Yes Yes Mounting rack Yes Sold individually Forklift Sold individually Sold individually Sold individually	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	
Accessories Dil 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	Net weight (kg) (lb.)	178	392	225	496	
Poil funnel Yes Yes Battery Yes Yes Battery charger Yes, Included in ATS Yes, Included in ATS Ground stud Yes Yes Yes Yes Yes Mounting rack Yes Yes Yes Sold individually Forklift Sold individually Sold individually Sold individually	Gross weight (kg) (lb.)	205	452	258	569	
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	Accessories					
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	Oil funnel	Yes	Yes			
Ground stud Yes Yes Mounting rack Yes Yes Yes Rubber pad Sold individually Forklift Sold individually Sold individually Sold individually	Battery	Yes	Yes			
Mounting rack Yes Yes Rubber pad Sold individually Sold individually Forklift Sold individually Sold individually	Battery charger	Yes, Included in A	Yes, Included in ATS		TS	
Rubber pad Sold individually Sold individually Forklift Sold individually Sold individually	Ground stud	Yes	Yes			
Forklift Sold individually Sold individually	Mounting rack	Yes	Yes			
	Rubber pad	Sold individually	Sold individually			
Ver (Circular and Laboratory)	Forklift	Sold individually		Sold individually		
Service kit Yes (Simple maintenance tools) Yes (Simple maintenance tools)	Service kit	Yes (Simple main	tenance tools)	Yes (Simple maint	tenance tools)	





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	Transisitor 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)		





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 N	108.3 LP/ 93.8 NG	
Voltage	Dual voltage		Dual voltage	Dual voltage	
Engine	H999D		H999D		
Displacement (cc)	999		999		
Compression ratio	8.7 : 1		8.7 : 1		
Ignition	Transisitor ignition	on	Transisitor ignition	Transisitor ignition	
E-Start	Yes		Yes	Yes	
Fuel type	LP/ NG		LP/ NG		
Rcommended lubricating oil	SAE 5W-30	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 A	ATS	
Ground stud	Yes		Yes		
Mounting rack	Yes	Yes			
Rubber pad	Sold individually	Sold individually			
Forklift	Sold individually		Sold individually		
Service kit	Yes (Simple main	Yes (Simple maintenance tools)		ntenance tools)	

60 Hz (3600 rpm)



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)		

Notes



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