



HR
READY TO RENT

technical data



HIPOWERTM
generating sets



HIPOWER RENTAL GENERATORS



HRVW 25 T6 HRVW 40 T6 HRVW 50 T6 HRJW 35 T6 HRJW 60 T6 HRJW 75 T6

HIPOWER RENTAL GENSET MODEL

Prime Power (P.R.P.) - kVA / kW - (0.8 PF) - 480 V	25 / 20	41/33	50 / 40	33 / 26	61 / 49	73 / 59
Standby Power (S.T.B.) - kVA / kW - (0.8 PF) - 480 V	28 / 22	45/36	55 / 44	37 / 30	68 / 54	81 / 65
Frequency (Hz)	60	60	60	60	60	60
Genset RPM	1,800	1,800	1,800	1,800	1,800	1,800

ENGINE

Manufacturer	YANMAR	YANMAR	YANMAR	JOHN DEERE	JOHN DEERE	JOHN DEERE
Model	4TNV84T	4TNV98	4TNV98T	4024TF281-36	4045TF280-63	4045HF280-74
Emissions Compliance EPA 40 CFR Part 89	Tier 3 - 4 int.	Tier 3 - 4 int.	Tier 3 - 4 int.	Tier 3 - 4 int.	Tier 3	Tier 3
Oil drain pump	Std.	Std.	Std.	Std.	Std.	Std.
Governor	Mech.	Elect.	Elect.	Elect.	Mech.	Mech.
Protection for engine hot parts	Std.	Std.	Std.	Std.	Std.	Std.
Standard water separator fuel filter	Std.	Std.	Std.	Std.	Std.	Std.
Secondary water separator fuel filter - RACOR type	Opt.	Opt.	Opt.	Std.	Std.	Std.
Medium duty, air filter with service indicator	Single stage	Single stage	Single stage	Two stage	Two stage	Two stage

ALTERNATOR

Newage model	PI 144 E	PI 144 H	PI 144 K	PI 144 G	UCI224D	UCI224F
Permanent Magnet Generator (PMG) /Excitation boots system (EBS)	Std.	Std.	Std.	Std.	Std.	Std.
Automatic voltage regulator (+/- 1%)	EBS /AS480	EBS /AS480	EBS /AS480	EBS /AS480	MX 341	MX 341
Insulation class / Protection	H / IP23	H / IP23	H / IP23	H / IP23	H / IP23	H / IP23
Vacuum impregnation	Std.	Std.	Std.	Std.	Std.	Std.

CONTROL PANEL

Digital control panel: Displays- hours, electrical and mechanical values, alarms and safety shut downs	CEM7	CEM7	CEM7	CEM7	CEM7	CEM7
kW meter	Std.	Std.	Std.	Std.	Std.	Std.
Auto start / stop - 2 wire	Std.	Std.	Std.	Std.	Std.	Std.
Oil pressure and water temperature indicators	Std.	Std.	Std.	Std.	Std.	Std.
Emergency stop button	Std.	Std.	Std.	Std.	Std.	Std.
Low fuel level shutdown	Std.	Std.	Std.	Std.	Std.	Std.
Voltage adjust potentiometer	Std.	Std.	Std.	Std.	Std.	Std.
MPS - Multiple Parallel System	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

CONTROL PANEL BOX

3 Pole Main Line Circuit Breaker	Std.	Std.	Std.	Std.	Std.	Std.
Main bus / hardwire connection panel with safety protection	Std.	Std.	Std.	Std.	Std.	Std.
Receptacles with individual breaker protection and GFI for 110v duplex	Std.	Std.	Std.	Std.	Std.	Std.
Voltage selector switch, lockable, with 3 positions (3 phase 277/480 V - 120/208 V - single phase 120/240 V)	Std.	Std.	Std.	Std.	Std.	Std.
Camlocks	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Battery disconnect switch	Std.	Std.	Std.	Std.	Std.	Std.

SKID BASE

Heavy duty skid base with forklift pockets and drawbars	Std.	Std.	Std.	Std.	Std.	Std.
Extended run time fuel tank	Std.	Std.	Std.	Std.	Std.	Std.
110% Spill containment for engine oil, coolant and fuel spills	Std.	Std.	Std.	Std.	Std.	Std.
Easy access for cleaning	Std.	Std.	Std.	Std.	Std.	Std.

ENCLOSURE

Heavy duty, 11-gauge steel, sound attenuated enclosure, powder coat paint, stainless steel hinges & hardware	Std.	Std.	Std.	Std.	Std.	Std.
Single point lifting eye	Std.	Std.	Std.	Std.	Std.	Std.
Emergency stop button on the exterior of enclosure (in addition to one in control panel)	Std.	Std.	Std.	Std.	Std.	Std.
Window for viewing control panel display	Std.	Std.	Std.	Std.	Std.	Std.
Easy access for radiator filling	Std.	Std.	Std.	Std.	Std.	Std.
Recessed quick release couplings for external fuel supply	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Ratchet type door locks for secure and tight closure (keyed alike - stainless steel)	Std.	Std.	Std.	Std.	Std.	Std.
Noise level dB(A) @ 23 ft. full load	57	63	62	63	70	72
Dimensions L (in.)	88.6	88.6	88.6	88.6	110.6	110.6
Dimensions W (in.)	43.3	43.3	43.3	43.3	45.3	45.3
Dimensions H (in.)	53.4	53.4	53.4	53.4	70.1	70.1
Dry weight (lbs.)	2400	2560	2600	2260	3750	3820
Enclosure type	CR	CR	CR	CR	D2R	D2R

TRAILER

Highway legal trailer D.O.T. approved	opt.	opt.	opt.	opt.	opt.	opt.
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FUEL SYSTEM

Extended run time fuel tank capacity - gallons / run time at 100% prime rating (hours)	26.4 / 13.4	26.4 / 9.2	26.4 / 7.8	26.4 / 10.5	75.2 / 17.9	75.2 / 16.1
External filling with lockable filler cap	Std.	Std.	Std.	Std.	Std.	Std.
Easy access for fuel tank cleaning and draining	Std.	Std.	Std.	Std.	Std.	Std.
Three way fuel valve with quick disconnect fittings	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Automatic fuel transfer pump	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.

EXHAUST

Residential Silencer (35 dB(A) reduction) with rain cap	Std.	Std.	Std.	Std.	Std.	Std.
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Dimensions and weights are approximate. HIPOWER reserves the right to change specifications without prior notice. The technical indications described correspond to the information available at the moment of printing or editing.



HIPOWER™
generating sets

RYW YANMAR

HRJW JOHN DEERE



HRJW 90 T6

HRJW 115 T6

HRJW 145 T6

HRJW 175 T6

HRJW 235 T6

HRJW 250 T6

HRJW 310 T6

HRJW 340 T6

HRJW 400 T6

HRJW 460 T6

92 / 74
101 / 81
60
1,800

115 / 92
127 / 101
60
1,800

147 / 117
161 / 129
60
1,800

175 / 140
193 / 155
60
1,800

234 / 187
258 / 206
60
1,800

251 / 201
280 / 224
60
1,800

309 / 247
344 / 275
60
1,800

341 / 273
378 / 303
60
1,800

402 / 321
442 / 354
60
1,800

461 / 369
506 / 405
60
1,800

JOHN DEERE
4045HF285-94
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

JOHN DEERE
4045HF285-118
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

JOHN DEERE
4045HF285-147
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

JOHN DEERE
6068HF285-177
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

JOHN DEERE
6068HF485-235
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

JOHN DEERE
6090HF484-258
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

JOHN DEERE
6090HF484-315
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

JOHN DEERE
6135HF485-345
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

JOHN DEERE
6135HF485-401
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

JOHN DEERE
6135HF485-460
Tier 3
Std.
Elect.
Std.
Std.
Std.
Two stage

UCI224G
Std.
MX 341
H / IP23
Std.

UCI274D
Std.
MX 341
H / IP23
Std.

UCI274E
Std.
MX 341
H / IP23
Std.

UCI274F
Std.
MX 341
H / IP23
Std.

UCI274H
Std.
MX 341
H / IP23
Std.

UCDI274J
Std.
MX 341
H / IP23
Std.

HCI444D
Std.
MX 341
H / IP23
Std.

HCI444D
Std.
MX 341
H / IP23
Std.

HCI444E
Std.
MX 341
H / IP23
Std.

HCI444F
Std.
MX 341
H / IP23
Std.

CEM7
Std.
Std.
Std.
Std.
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Std.
Std.
Opt.

CEM7
Std.
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CEM7
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CEM7
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Opt.
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n.a.
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Opt.
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Std.
Std.
n.a.
Std.
Opt.
Std.

Std.
Std.
n.a.
Opt. / 2 position
Opt.
Std.

Std.
Std.
n.a.
Opt. / 2 position
Opt.
Std.

Std.
Std.
n.a.
Opt. / 2 position
Opt.
Std.

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Std.
Std.
Std.
Std.
Std.
Opt.
Std.
72
132.3
49.2
74.0
4690
ER

Std.
Std.
Std.
Std.
Std.
Opt.
Std.
72
132.3
49.2
74.0
4690
ER

Std.
Std.
Std.
Std.
Std.
Opt.
Std.
74
132.3
49.2
74.0
4990
ER

Std.
Std.
Std.
Std.
Std.
Opt.
Std.
74
132.3
49.2
74.0
5200
ER

Std.
Std.
Std.
Std.
Std.
Opt.
Std.
75
149.6
55.1
103.0
7640
F1

Std.
Std.
Std.
Std.
Std.
Opt.
Std.
75
161.4
63.0
102.4
9370
G1

Std.
Std.
Std.
Std.
Std.
Opt.
Std.
75
161.4
63.0
102.4
9370
G1

Std.
Std.
Std.
Std.
Std.
Opt.
Std.
79
177.2
70.9
107.9
12650
H1

Std.
Std.
Std.
Std.
Std.
Opt.
Std.
79
177.2
70.9
107.9
13090
H1

Std.
Std.
Std.
Std.
Std.
Opt.
Std.
79
177.2
70.9
107.9
13090
H1

opt.

opt.

opt.

opt.

opt.

opt.

opt.

opt.

opt.

opt.

130.7 / 21.6
Std.
Std.
Opt.
Opt.

130.7 / 17.3
Std.
Std.
Opt.
Opt.

130.7 / 14.3
Std.
Std.
Opt.
Opt.

130.7 / 12.0
Std.
Std.
Opt.
Opt.

262.7 / 19.2
Internal fill
Std.
Opt.
Opt.

438.2 / 28.2
Internal fill
Std.
Opt.
Opt.

438.2 / 23.8
Internal fill
Std.
Opt.
Opt.

554.4 / 28.0
Internal fill
Std.
Opt.
Opt.

554.4 / 23.9
Internal fill
Std.
Opt.
Opt.

554.4 / 20.8
Internal fill
Std.
Opt.
Opt.

Std.

Std.

Std.

Std.

Std.

Std.

Std.

Std.

Std.

Std.

HRPW 515 T6
HRPW 585 T6
HRVW 630 T6
HRVW 695 T6

HIPOWER RENTAL GENSET MODEL

Prime Power (P.R.P.) - kVA / kW - (0.8 PF) - 480 V	512 / 410	582 / 469	632 / 505	695 / 556
Standby Power (S.T.B.) - kVA / kW - (0.8 PF) - 480 V	577 / 462	638 / 512	693 / 555	764 / 611
Frequency (Hz)	60	60	60	60 / 1,800
Genset RPM	1,800	1,800	1,800	60 / 1,800

ENGINE

Manufacturer	PERKINS	PERKINS	VOLVO	VOLVO
Model	2506D E15TAG1	2506C E15TAG3	TAD1642GE	TWD1643GE
Emissions Compliance EPA 40 CFR Part 89	Tier 3	Tier 2	Tier 2	Tier 2
Oil drain pump	Std.	Std.	Std.	Std.
Governor	Elect.	Elect.	Elect.	Elect.
Protection for engine hot parts	Std.	Std.	Std.	Std.
Standard water separator fuel filter	Std.	Std.	Std.	Std.
Secondary water separator fuel filter - RACOR type	Opt.	Opt.	Opt.	Opt.
Medium duty, air filter with service indicator	Single stage	Single stage	Single stage	Single stage

ALTERNATOR

Newage model	HCI544C	HCI544C	HCI544E	HCI544F
Permanent Magnet Generator (PMG) /Excitation boots system (EBS)	Std.	Std.	Std.	Std.
Automatic voltage regulator (+/- 1%)	MX 341	MX 341	MX 341	MX 341
Insulation class / Protection	H / IP23	H / IP23	H / IP23	H / IP23
Vacuum impregnation	Std.	Std.	Std.	Std.

CONTROL PANEL

Digital control panel: Displays- hours, electrical and mechanical values, alarms and safety shut downs kW meter	CEM7	CEM7	CEM7	CEM7
Auto start / stop - 2 wire	Std.	Std.	Std.	Std.
Oil pressure and water temperature indicators	Std.	Std.	Std.	Std.
Emergency stop button	Std.	Std.	Std.	Std.
Low fuel level shutdown	Std.	Std.	Std.	Std.
Voltage adjust potentiometer	Std.	Std.	Std.	Std.
MPS - Multiple Parallel System	Opt.	Opt.	Opt.	Opt.

CONTROL PANEL BOX

3 Pole Main Line Circuit Breaker	Std.	Std.	Std.	Std.
Main bus / hardwire connection panel with safety protection	Std.	Std.	Std.	Std.
Receptacles with individual breaker protection and GFI for 110v duplex	n.a.	n.a.	n.a.	n.a.
Voltage selector switch, lockable, with 3 positions (3 phase 277/480 V - 120/208 V - single phase 120/240 V)	Opt. / 2 position	Opt. / 2 position	Opt. / 2 position	t.b.a.
Camlocks	Opt.	Opt.	Opt.	Opt.
Battery disconnect switch	Std.	Std.	Std.	Std.

SKID BASE

Heavy duty skid base with forklift pockets and drawbars	Opt.	Opt.	Opt.	Opt.
Extended run time fuel tank	Std.	Std.	Std.	Std.
110% Spill containment for engine oil, coolant and fuel spills	Std.	Std.	Std.	Std.
Easy access for cleaning	Std.	Std.	Std.	Std.

ENCLOSURE

Heavy duty, 11-gauge steel, sound attenuated enclosure, powder coat paint, stainless steel hinges & hardware	Std.	Std.	Std.	Std.
Single point lifting eye	Std.	Std.	Std.	Std.
Emergency stop button on the exterior of enclosure (in addition to one in control panel)	Std.	Std.	Std.	Std.
Window for viewing control panel display	Std.	Std.	Std.	Std.
Easy access for radiator filling	Std.	Std.	Std.	Std.
Recessed quick release couplings for external fuel supply	Opt.	Opt.	Opt.	Opt.
Ratchet type door looks for secure and tight closure (keyed alike - stainless steel)	Std.	Std.	Std.	Std.
Noise level dB(A) @ 23 ft, full load	79	79	75	75
Dimensions L (in.)	177.2	177.2	196.9	196.9
Dimensions W (in.)	70.9	70.9	78.7	78.7
Dimensions H (in.)	107.9	107.9	90.9	90.9
Dry weight (lbs.)	13250	14250	15450	15740
Enclosure type	H1	H1	J	J

TRAILER

Highway legal trailer D.O.T. approved	opt.	opt.	opt.	opt.
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FUEL SYSTEM

Extended run time fuel tank capacity - gallons / run time at 100% prime rating (hours)	554.4 / 19.2	554.4 / 17.3	250.8 / 7.3	250.8 / 6.9
External filling with lockable filler cap	Internal fill	Internal fill	Internal fill	Internal fill
Easy access for fuel tank cleaning and draining	Std.	Std.	Std.	Std.
Three way fuel valve with quick disconnect fittings	Opt.	Opt.	Opt.	Opt.
Automatic fuel transfer pump	Opt.	Opt.	Opt.	Opt.

EXHAUST

Residential Silencer (35 dB(A) reduction) with rain cap	Std.	Std.	Std.	Std.
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Dimensions and weights are approximate. HIPOWER reserves the right to change specifications without prior notice. The technical indications described correspond to the information available at the moment of printing or editing.
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