

G180 »

Mobile Generators

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**CALIFORNIA
PROPOSITION 65
WARNING**
G180 Technical specifications

Metric »

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	G180 (T3)	G180 (T4I)	G180 (T4F)	G180 (T4F) 600V	G180 (T3) 600V- Canada Only
Dimensions					
L x W x H Operating (Skid) in	132 x 52 x 68	132 x 52 x 70.5	132 x 52 x 72.5	132 x 52 x 72.5	132 x 52 x 68
L x W x H Shipping (Skid) in	135.5 x 54.5 x 81.5	135.5 x 54.5 x 84	135.5 x 54.5 x 86	135.5 x 54.5 x 86	135.5 x 54.5 x 81.5
L x W x H Shipping/Operating (Trailer) in	199 x 84.5 x 99	199 x 84.5 x 100.5	199 x 84.5 x 102.5	199 x 84.5 x 102.5	199 x 84.5 x 99
Weights					
Weight Dry (Skid) lb	6,213	6,154	6,754	6,856	6,315
Weight Operating (Skid) lb	8,313	8,254	9,234	9,336	8,415
Weight Shipping (Skid) lb	6,580	6,521	7,121	7,223	6,682
Weight Operating (Trailer) lb	9,793	9,734	10,714	10,714	9,895
Weight Shipping (Trailer) lb	7,693	7,634	8,234	8,234	7,795
Operating data					
Trailer coupling Type	Pintle	Pintle	Pintle	Pintle	Pintle
Standby output kW	157	157	157	150	150
Prime output kW	143	143	143	143	143
Voltage 3 Phase V	240/480	240/480	240/480	240/480/600	240/480/600
Current 3 Phase (Prime) A	240/480	430/215	430/215	390/206/172	390/206/172
Current 1 Phase (Prime) A	120/240	120/240	120/240	120/240	120/240
Voltage 3 Phase V	208, 220, 240, 416, 440, 480	208, 220, 240, 416, 440, 480	208, 220, 240, 416, 440, 480	208, 220, 240, 416, 440, 480	208, 220, 240, 416, 440, 480, 600
Voltage 1 Phase V	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277, 346
Circuit breaker (Main) A	500	500	500	500	500
Frequency Hz	60	60	60	60	60
Power factor 1 Phase cos Φ 1~	1	1	1	1	1
Power factor 3 Phase cos Φ 3~	0.8	0.8	0.8	0.8	0.8
Sound level (LwA) at Prime (23 ft / 7 m) dB(A)	69.9	71	70.5	69.9	69.9
Receptacles -20 Amp GFI Duplex	2	2	2	2	2
Receptacles -50 Amp Twist Lock	3	3	3	3	3
Engine / Motor					
Engine / Motor	Liquid-Cooled, 6 Cylinders	Liquid-Cooled, 6 Cylinders	Liquid-Cooled, 6 Cylinders	Liquid-Cooled, 6 Cylinders	Liquid-Cooled, 6 Cylinders
Engine / Motor manufacturer	John Deere	Cummins	Cummins	Cummins	John Deere
Emissions Certified	Tier 3	Tier 4i	Tier 4F	Tier 4F	Tier 3
Displacement in ³	415	409	409	409	415
Operating performance ISO 3046 hp		256	241	241	
Operating performance SAE J1995, ISO 8528-1 hp	237				237
at rpm rpm	1,800	1,800	1,800	1,800	1,800
Coolant Capacity US qt	30.4	31	65.2	65.2	30.4
Engine oil Capacity US qt	34.3	18.5	18.5	18.5	34.3
Fuel type	Diesel	Diesel	#1/#2 ULSD	#1/#2 ULSD	Diesel
Fuel consumption (Prime Load) US gal/h	10.8	10.6	10.4	10.4	10.8
Tank capacity -Fuel US gal	291.7	291.7	304.4	304.4	291.7

Quantity (Battery)	1	2	2	2	1
Battery V	12	12	12	12	12
Generator model	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR
Voltage control No Load to Full Load +/- %	1	1	1	1	1
Voltage control Steady State +/- %	0.2	0.2	0.2	0.2	0.2
Generator insulation (class)	H	H	H	H	H
Frequency (Generator Speed) Hz	60	60	60	60	60
Runtime at 100% Prime Load h	25	25.4	27.3	27.3	25
Runtime at 75% Prime Load h	32.2	32.8	35.5	35.5	32.2
Runtime at 50% Prime Load h	44	45.3	50.7	50.7	44
Runtime at 25% Prime Load h	86.1	71.3	88.8	88.8	86.1
DEF Type			AUS 32	AUS 32	
DEF Consumption US gal/h			0.41	0.4	
DEF Tank Capacity US gal			37.4	37.4	
Runtime DEF 100% Prime Load h			86.6	86.6	

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