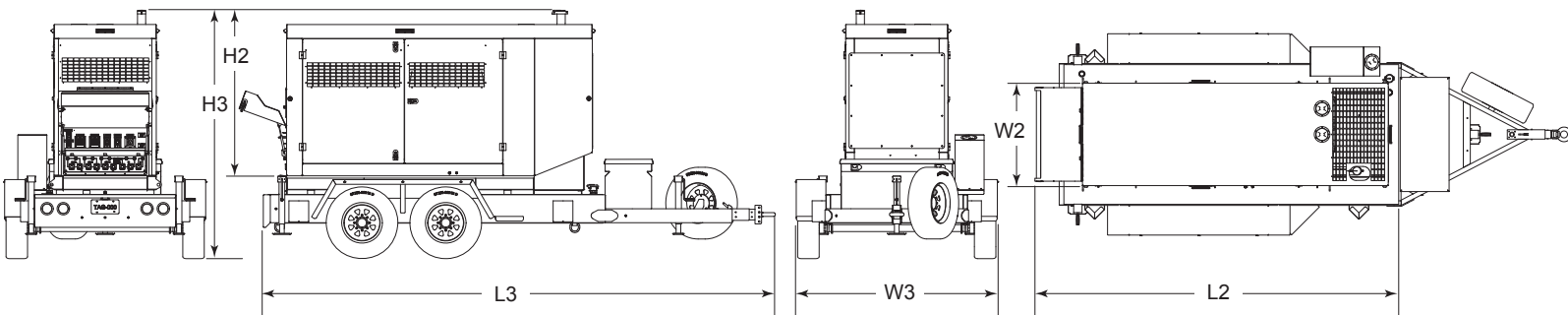


ENGINE SPECIFICATION	
Manufacturer and Model	Perkins Model 1206F-E70TAG4
Emissions	EPA Tier 4
Engine speed (rpm)	1800
Max. (Cont.) HP Power 1800 rpm	292
Cylinder arrangement	Vertical inline
Engine combustion system	Direct injection
Aspiration	Turbocharged aftercooled
Fuel direct injection system (Diesel)	High pressure common rail
Number of Cylinders	6
Displacement in ³ (liters)	427.7 (7.01)
Bore and Stroke inches (mm)	4.13 x 5.3 (105 x 135)
Cooling	Water cooled
Governor	Electronic
Starting aids	Glow Plugs
Compression ratio	16.5:1
Air cleaner type	Replaceable element
Sound at 1m from engine block dBA	117
Max. Exh. Temp at full load degrees °F (°C)	887 (475)
Exhaust aftertreatment	DOC/DPF/SCR
COOLING SYSTEM FOR OPERATING AT 120° AMBIENT:	
Cooling System	Water-cooled
Engine Coolant Capacity gals (Liters)	6.4 (24.25)
Fan	Belt driven pusher fan
Radiator	Engine mounted
Eng. Cooling air flow - ft ³ /sec (m ³ /sec)	173 (4.9)
LUBRICATING SYSTEM:	
Total lubricating capacity gals (Liter)	4.2 (16.0)
Recommended lubricating oil grade	SAE 10W-30
Oil Pressure – psi (kPa)	75.4 (520)
Oil Filter	Full flow spin on, cartridge type

ENGINE ELECTRICAL SYSTEM:	
Starting motor voltage	12 volt
Charging alternator output - Amps	100
Wet Cell Battery	Lead Acid
ALTERNATOR:	
Configuration	12-wire brushless rotating field
Frequency	60hz
Voltage regulation	PMG PM300
No load to full load voltage regulation	1/4% from no load to full load
Coupling	Flange to Flywheel Housing
Bearing	Single
Manufacturer	Marathon
Model	431PSL6208
Stator Winding	2/3 pitch design
Compliance	NEMA MG-1
TIF Factor	Shall not exceed 50
FUEL CONSUMPTION: PER HOUR GALS (LITERS) {STANDBY RATING}	
100%	16.7 (63.0)
75%	10.8 (41.0)
50%	-
25%	-
CONTROL PANEL SPECIFICATIONS:	
Manufacturer (Model)	Basler (DGC-2020ES)
MPC-10 Controller Inputs	16
MPC-10 Controller Outputs	12
Operating power/consumption	6-32 VDC; Average load 14.2W
Communications	UL 508 R & CSA C22.2 #14
GENERATOR OPTIONS:	
Enclosure	Aluminum sound attenuated to 68 dBA
Base arrangement	Rigid steel base frame with AVMs
Spill containment	UL double wall base mounted

DIMENSIONS & ARRANGEMENT DRAWING MOBILE MODEL (WITH DOT TRAILER & ENCLOSURE OPTION): TP200 T4

KEY DIMENSIONS AND WEIGHT BASIC OPEN SET, SOUND ENCLOSURE AND MOUNTED ON DOT TRAILER (* = Option Equipment)

Description (inches)	Height	Width	Length	Dry weight lbs	Wet Weight lbs	Sound dBA	Fuel Tank Gals *			
Enclosed Set *	H2	71.0	W2	44.0	L2	131.5	6566	6745	68	330
Trailer mounted *	H3	106.25	W3	86.50	L3	214.29	9,200	9345		