



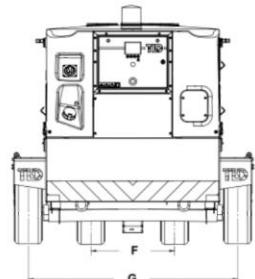
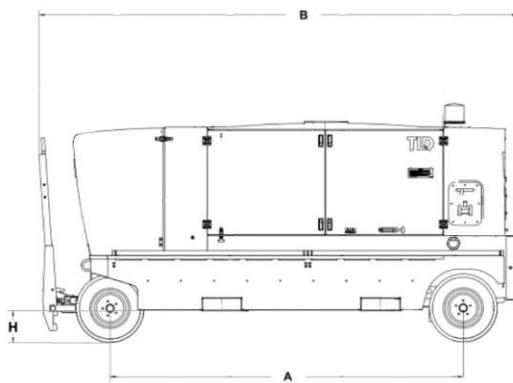
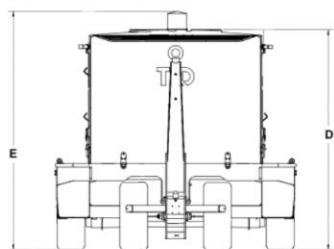
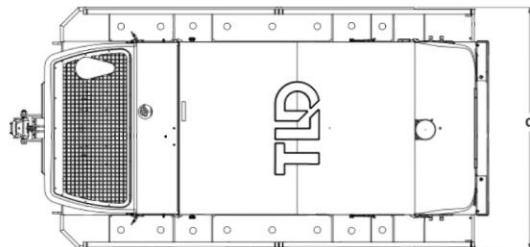
Data Sheet

Ground Power Units

GPU-412



 **MERCURY**
GROUND SUPPORT EQUIPMENT





Technical Specifications

1	Manufacturer	-	TLD
2	Unit model	-	GPU-412
3	Engine type	-	Diesel
4	Emission rate	-	US EPA Tier 3, Tier 4F
5	Engine manufacturer	-	Deutz (T3), Cummins (T3, T4F)
6	Rated engine speed	rpm	1846
7	Overload characteristics	-	110% for 60 min, 125% for 5 min
8	Generator type	-	Synchronous, brushless, 3 phase
9	Generator protection grade	-	IP21
10	Rated power output	kVA	120 @ 0.8 PF
11	Rated output frequency	Hz	400
12	Optional DC output	VDC	28.5
13	Generator insulation	-	Class F
14	Fuel Tank capacity	Liter (Gallon)	296 (78)
15	Weight	kg (lbs)	2600 (5750)
16	Tires	-	Pneumatic
17	Tire size	-	20.5 x 8.0 - 10
18	Wheelbase (A)	mm (in)	2709 (106.6)
19	Overall length (B)	mm (in)	3669 (144.5)
20	Overall width (C)	mm (in)	1849 (72.8)
21	Height without beacon (D)	mm (in)	1688 (66.5)
22	Height with beacon (E)	mm (in)	1829 (72.0)
23	Gap between front wheels (F)	mm (in)	641 (25.3)
24	Gap between rear wheels (G)	mm (in)	1609 (63.4)
25	Ground clearance (H)	mm (in)	264 (10.4)
26	Parking brake	-	Brakes applied when towbar is raised
27	Max towing speed	km/h (MPH)	25 (15)
28	Battery voltage	VDC (A.h)	24

