

16 Technical Data—LTN 6/8K

16.1 Engine

Engine Power Rating

Net power rating per ISO 3046 IFN. Actual power output may vary due to conditions of specific use.

Machine		LTN 6K, LTN 6K-V	LTN 8K, LTN 8K-V
Engine			
Make		Kubota	
Model		D1005	D1105
Type		3-cylinder, 4-cycle, liquid-cooled diesel	
Max. rated power @ rated speed	kW (hp)	9.8 (13.1) @ 1800 rpm	11.5 (15.4) @ 1800 rpm
Operating speed (no-load)	rpm	1800	
Alternator	V / A / W	12 / 15 / 180	
Battery	V/Ah/ccA	12 / 650	
Air cleaner	type	Dry-type element	
Fuel	type	No. 2 diesel	
Fuel tank capacity	L (gal)	123 (32.5)	
Fuel consumption	L (gal) / hr	2.35 (0.61)	3.07 (0.80)
Running time	hours	53.3	40.6
Coolant capacity	L (qt)	5.78 (4.7)	
Oil capacity	L (qt)	3.5 (3.7)	
Oil grade	SAE / API	15W40 / CF or higher	

16.2 Generator

Machine:		LTN 6K, LTN 6K-V	LTN 8K, LTN 8K-V
Frequency	Hz	60	
Continuous output	kW	6.0	8.0
Output	volts/phase	120/240, 1Ø	
Amps	A	50	
Excitation type		Capacitor / Brushless	
Power factor		1.0	
Voltage regulation - No load to full load	%	± 6.0	
Speed (no-load)	rpm	1800	

16.3 Machine

Model:		LTN 6K	LTN 8K
Operating weight (GVWR)	kg (lbs)	804 (1772))	825 (1820)
Travel dimensions (l x w x h)	mm (in.)	4600 x 1500 x 1900 (180.4 x 59.3 x 72.3)	
Height - tower extended	m (ft)	9 (30)	
Lighting system (1000W)		4	
Ballast		Coil and core	
Max. lighting coverage @ 5 ft. candles (54 lux)	m ² (ft ²)	1204 (12,960)	
Sound level at 7 m (23 ft.)	db(A)	68	70
Tires	size	ST175 / 80D13	