

Fuel consumption comparison - Estimates

Engine / Brand	Model	Fuel	Stand-by kVA	Data at 75% of max stand-by capacity (not de-rated)				Cost			
				kW @ 75% of ESP	Consumption / unit fuel		Fuel Qty (L/kg)	Running time (Hr's)	Unit fuel	Per Hr/unit	R/kWh produced
Gentech	GP4000iS	Petrol	4	3.0	1.9	Litres	13	6.8	R 25.10	R 48.34	R 16.11
Gentech	GP8500D	Petrol	7.5	5.6	2.6	Litres	25	9.5	R 25.10	R 66.05	R 11.74
Bundu	BP6500S	Diesel	6.5	4.9	2.2	Litres	15	6.8	R 26.50	R 58.30	R 11.96
Bundu	BP11000S	Diesel	11	8.3	3.5	Litres	75	21.4	R 26.50	R 92.75	R 11.24
FAW	BPD12S	Diesel	13.2	9.9	2.1	Litres	55	26.2	R 26.50	R 55.65	R 5.62
FAW	BPD16S	Diesel	17.6	13.2	2.9	Litres	55	19.0	R 26.50	R 76.85	R 5.82
FAW	BPD20S	Diesel	22	16.5	3.6	Litres	55	15.3	R 26.50	R 95.40	R 5.78
Mahindra	DG15 1P	Diesel	16.5	12.4	3.0	Litres	55	18.3	R 26.50	R 79.50	R 6.42
Teksan	TJ15BD-1	Diesel	15.5	11.6	3.7	Litres	90	24.3	R 26.50	R 98.05	R 8.43
SDMO Kohler	K17	Diesel	15.5	11.6	3.3	Litres	50	15.2	R 26.50	R 87.45	R 7.52
SDMO Kohler	RESA11U	Gas	11	8.3	3.5	Kilograms	48	13.7	R 34.13	R 119.44	R 14.48
SDMO Kohler	RESA20U	Gas	15	11.3	4.5	Kilograms	48	10.7	R 34.13	R 153.56	R 13.65