

Supplementary Tables

Table S1. Technical specifications of the Diesel Engine Electric Generator Set

Model	AYERBE 4000 Diesel
Alternator	LINZ-SP 10MF 4.2 KVA
Engine	YANMAR LN-70 296 cc 6.7 HP
Speed	3000 rpm
Maximum power	5 KVA
Voltage	230 V
Consumption	1.3 L/H (75%)

Table S2. Accuracy of the measurements for different parameters [51].

Parameter	Measuring Range	Accuracy
Soot	0.0–2.5 (Bosch Number); 0 to 50 mg/m ³	±0.5 mg/m ³
CO	0–10,000 ppm	±10 ppm (0–200 ppm); ±20 ppm (201–10,000 ppm)
NO	0–300 ppm	± 2 ppm
NO ₂	0–500 ppm	± 10 ppm
CO ₂	0–25 Vol. %	± 0.2 Vol. %