# Enerton
# Generating Sets

| | ENERTON D.G. Sets - Technical Specification- "HUAFENG" SERIES | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Rating** | **Kva** | **15** | **20** | **25/30** | **40/45** | **50** | **62.5** | **82.5** | **100** | **125** |
| **D.G. Set** | Dimension with Acoustic Enclosure | L x B x H (mm) | 2135X985X1390 | | | 2600X1150X1975 | | 2775X1150X2025 | 3600X1200X1775 | | |
| | Battery | Ah | 88/90 | 100/120 | 100/120 | 100/120 | 100/120 | 100/120 | 120/150 | 120/150 | 120/150 |
| | Starting System | | 12 Volt DC | | | | | | 24 Volt DC | | |
| | Weight (Approx.) | kg | 800 | 900 | | 1150 | | 1250 | 2000 | | |
| | Fuel Tank Capacity | liters | 60 | 90 | | 120 | | | 270 | | |
| **Engine** | **Engine Model** | | R2105D | R3105D1-F | R3105ZD1-F | R4108ID-P1 | R4105ZDI-P1 | R41051ZLD-P2 | R6105ZDI-P1 | R6105AZLD-P1 | R61051ZLD-P1 |
| | Rated Power | bhp | 23 | 29 | 43 | 59 | 73 | 88 | 113 | 147 | 170 |
| | Rated Speed | RPM | 1500 | | | | | | | | |
| | No. of Cylinders | | 2 | 3 | | 4 | | | 6 | | |
| | Total Displacement | cc | 1960 | 3117 | | 4950 | | 4670 | 6491 | 6750 | 7010 |
| | Aspiration | | Natural | | Turbo Charged | Natural | Turbo Charged | Turbo Charged Intercooled | Turbo Charged | Turbo Charged Intercooled | Turbo Charged Intercooled |
| | Cooling system | | Water | | | | | | | | |
| | FIP | Governing Class | A1 as per BS5514 | | | | | | | | |
| **Alternator** | Type | | Brushless, H Class Insulation | | | | | | | | |
| | Frequency | Hz | 50 | | | | | | | | |
| | Voltage | volts | 230/415 | 230/415 | 230/415 | 230/415 | 415 | 415 | 415 | 415 | 415 |
| **Control Panel** | Digital Display for:- | | | | | | | | | | |
| | Ampere | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| | Voltage | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| | Frequency | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| | Indication of Fuel level Electrical | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| | Indication of Fuel level Mechanical | | | | | | | | | | |
| **Engine Protection** | High Water Temp. | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| | Low Lube Oil Pressure | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| | Over Speed | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| | Charging Failure | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| **Electrical Protection** | Overload | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| | Short Circuit | | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| **AMF Facility** | | | Optional | Optional | Optional | Optional | Optional | Optional | Optional | Optional | Optional |
| **Communicator Facility** | | | Optional | Optional | Optional | Optional | Optional | Optional | Optional | Optional | Optional |