

Standard Specification
McaM2310-2

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| Generator set | Genset model | McaM2310-2 |
| | Prime power | 2312.5KVA |
| | Standby power | 2575KVA |
| | Rated current | 3339.25A |
| | Power factors | 0.8(lagging) |
| | Wiring | 3-phase 4 wires (3P4W) |
| | Rated voltage | 480V |
| | Frequency | 60HZ |
| | Dimension (L*W*H) mm | 5198x2318x2545 |
| | Net weight | 15228kg |
| Engine | Engine model | 3516A |
| | Engine configuration | Vee,12 cylinder, 4 cycle |
| | Gas feeding model | Turbo charged, water air cooling |
| | Prime power | 2543.75KVA |
| | Standby power | 2832.5KVA |
| | Bore x stroke (mm) | 170x190 |
| | Displacement | 69L |
| | Rated speed | 1800r/min |
| | Start mode | 24V Electronical start motor/air start motor |
| | Min fuel consumption | 457.5g/KW.h |
| | Oil consumption | 0.548L/h |
| | Cooling method | Closed cooling type or open cooling type |
| | Compression ratio | 14: 1 |
| | Oil capacity (L) | 425/339 |
| Max back pressure (kpa) | 6.7 | |
| Alternator | Alternator model | MX-1960-4 |
| | Excitation method | brushless |

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|--|---------------------|-----------------------------------|
| | cooling method | axial flow type, self-ventilation |
| | Insulation class | H |
| | Voltage fluctuation | $\leq \pm 0.5\%$ |
| | Stable voltage time | < 1S |
| | Frequency vibration | $\leq \pm 0.25\%$ |

Control System:

Auto Start Control Module

The DSE5110 is an Automatic Start Control Module designed to automatically start and stop diesel and gas generating sets that include non electronic engines. The module also provides excellent engine monitoring and protection features. The module has the ability to monitor under speed, over speed, charge failure, emergency stop, low oil pressure, high engine temperature, fail to start, fail to stop and loss of the speed sensing signal. The module displays fault conditions on the LCD display and via the LED indicators on the front.

