

| Model<br>Item                                | AED6500S   | AED6500S3  |
|--|--|--|
| Rated frequency (Hz)                         | 60   | 60   |
| Rated voltage (V)                            | 220、230、240、110/220、<br>115/230、120/240                            | 380/220、400/230、420/240  |
| Rated output power (kVA)                     | 5.0  | 5.0  |
| Max output power (kVA)                       | 6.3  | 6.3  |
| Rated rotation speed (rpm)                   | 3600   | 3600   |
| Power factor cosφ                            | 1  | 1  |
| Phase number                                 | Single   | Three  |
| Pole number                                  | 2  | 3  |
| Excitation Transistorized                    | self-excitation , Brushless  | self-excitation constant voltage (AVR)                             |
| ATS type                                     | without ATS  | without ATS  |
| Fuel consumption (g/kw.h)                    | 340  | 340  |
| Fuel tank capacity (L)(US.gal)               | 14.5(3.8)  | 14.5(3.8)  |
| Continuous running time (hr)(at rated power) | 8  | 8  |
| Noise level [dBA/7m] (zero load~full load)   | 69-74  | 69-74  |
| Net weight (kg)(US.lbs)                      | 165(363)   | 165(363)   |
| Overall dimension [mm](L×W×H)(US.inch)       | 920×520×700<br>(36.2×26.5 ×27.6)                                   | 920×520×700<br>(36.2×26.5 ×27.6)                                   |
| Starter system                               | electric starter   | electric starter   |
| Fuel type                                    | 0# (summer), -10# (winter), -<br>35#(chill cold) diesel            | 0# (summer), -10# (winter), -<br>35#(chill cold) diesel            |
| Lube oil brand                               | CD or better than CD   | CD or better than CD   |
| Engine model                                 | CF186F(E)  | CF186F(E)  |
| Engine type                                  | Single cylinder,<br>4-stroke,air-cooled,vertical,<br>diesel engine | Single cylinder,<br>4-stroke,air-cooled,vertical,<br>diesel engine |
| Bore × stroke(mm)                            | 86×72  | 86×72  |
| Displacement(cm <sup>3</sup> )               | 0.418  | 0.418  |
| Compression ratio                            | 19: 1  | 19: 1  |
| Rated power [kW(Hp)/rpm]                     | 5.8(7.9)/3600  | 5.8(7.9)/3600  |
| Max. power [kW(Hp)/rpm]                      | 7.3(10.0)/3600   | 7.3(10.0)/3600   |
| Rotation direction(from the flywheel)        | clockwise  | clockwise  |