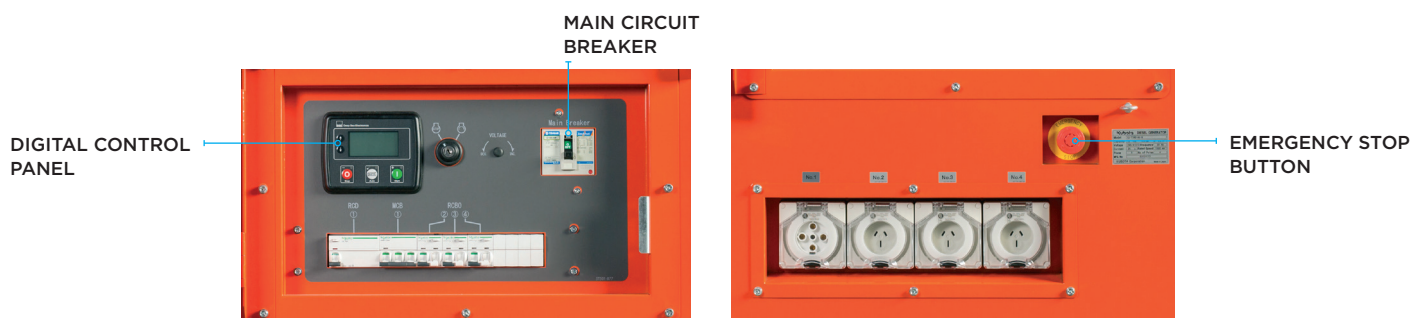


| MODEL                         | Unit        | KJ-S130-AU-B                                                                                                | KJ-S230-AU-B                     | KJ-T130-AU-B                     | KJ-T180-AU-B                     | KJ-T300-AU-B                     |
|-------------------------------|-------------|-------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| GENERATOR                     |             |                                                                                                             |                                  |                                  |                                  |                                  |
| Model                         |             | PX-316KU1                                                                                                   | PX-322KE1                        | PX-312KU3                        | PX-316KU3                        | PX-322KE3                        |
| Design                        |             | Revolving field, self-excited brushless AC generator                                                        |                                  |                                  |                                  |                                  |
| Frequency                     | Hz          | 50                                                                                                          | 50                               | 50                               | 50                               | 50                               |
| Standby Output                | kVA<br>(kW) | 13.8<br>(13.8)                                                                                              | 25.3<br>(25.3)                   | 13.8<br>(11)                     | 19.8<br>(15.8)                   | 33.0<br>(26.4)                   |
| Continuous Output             | kVA<br>(kW) | 12.5<br>(12.5)                                                                                              | 23.0<br>(23.0)                   | 12.5<br>(10.0)                   | 18.0<br>(14.4)                   | 30.0<br>(24.0)                   |
| Voltage-single phase          | V           | 240                                                                                                         | 240                              | 240                              | 240                              | 240                              |
| Voltage-3 phase               | V           | ---                                                                                                         | ---                              | 415                              | 415                              | 415                              |
| Phase & Wire                  |             | 1 Phase 4 Wire                                                                                              | 1 Phase 4 wires                  | 3 Phases 12 Wire                 | 3 Phases 12 Wire                 | 3 Phases 12 wires                |
| Power Factor                  |             | 1.0                                                                                                         | 1.0                              | 0.8                              | 0.8                              | 0.8                              |
| No. of Poles                  |             | 4-Pole                                                                                                      | 4-Pole                           | 4-Pole                           | 4-Pole                           | 4-Pole                           |
| Insulation                    |             | Class H                                                                                                     | Class H                          | Class H                          | Class H                          | Class H                          |
| Voltage Regulation            | %           | 3.5 (No Load to Full Load)                                                                                  | 3.5 (No Load to Full Load)       | 3.5 (No Load to Full Load)       | 3.5 (No Load to Full Load)       | 3.5 (No Load to Full Load)       |
| Type of Coupling              |             | Direct drive                                                                                                | Direct drive                     | Direct drive                     | Direct drive                     | Direct drive                     |
| DIESEL ENGINE                 |             |                                                                                                             |                                  |                                  |                                  |                                  |
| Model                         |             | V2203                                                                                                       | V3300                            | D1703                            | V2203                            | V3300                            |
| Type                          |             | Vertical, water-cooled, 4-cycle diesel engine                                                               |                                  |                                  |                                  |                                  |
| No. of cylinders              |             | 4                                                                                                           | 4                                | 3                                | 4                                | 4                                |
| Bore x Stroke                 | mm          | 87 x 92.4                                                                                                   | 98 x 110                         | 87 x 92.4                        | 87 x 92.4                        | 98 x 110                         |
| Displacement                  | mL          | 2197                                                                                                        | 3318                             | 1647                             | 2197                             | 3318                             |
| Engine Speed                  | rpm         | 1500                                                                                                        | 1500                             | 1500                             | 1500                             | 1500                             |
| Continuous rated output       | kW (HP)     | 16.9 (22.6)                                                                                                 | 27.6 (37.0)                      | 12.7 (17.0)                      | 16.9 (22.6)                      | 27.6 (37.0)                      |
| Lubricating oil               |             | API service class CF or higher                                                                              | API service class CF or higher   | API service class CF or higher   | API service class CF or higher   | API service class CF or higher   |
| Oil capacity                  | L           | 7.6                                                                                                         | 13.2                             | 5.6                              | 7.6                              | 13.2                             |
| Coolant capacity *            | L           | 9.0                                                                                                         | 9.5                              | 8.0                              | 9.0                              | 9.5                              |
| SET                           |             |                                                                                                             |                                  |                                  |                                  |                                  |
| Fuel                          |             | Diesel fuel No.2-D (ASTM D975)                                                                              |                                  |                                  |                                  |                                  |
| Fuel consumption at full load | L/h         | 5.3                                                                                                         | 7.7                              | 4                                | 5.3                              | 7.7                              |
| Fuel tank capacity            | L           | 37                                                                                                          | 68                               | 37                               | 37                               | 68                               |
| Continuous operating hours    | hrs         | 7.0                                                                                                         | 8.8                              | 9.3                              | 7.0                              | 8.8                              |
| Battery                       | (AH/5Hr)    | 95D31R (12 x 64)                                                                                            | 130E41R (12 x 92)                | 95D31R (12 x 64)                 | 95D31R (12 x 64)                 | 130E41R (12 x 92)                |
| Starting system               |             | Electric                                                                                                    | Electric                         | Electric                         | Electric                         | Electric                         |
| L x W x H                     | cm          | 148.8 x 65.0 x 97.1                                                                                         | 173.5 x 80.5 x 104.6             | 139.3 x 65.0 x 97.1              | 148.8 x 65.0 x 97.1              | 173.0 x 80.5 x 104.6             |
| Approx. Net Wt. (Wet)         | kg          | 505                                                                                                         | 630                              | 470                              | 505                              | 880                              |
| Controller                    | -           | Digital Control panel<br>DSE4520                                                                            | Digital Control panel<br>DSE4520 | Digital Control panel<br>DSE4520 | Digital Control panel<br>DSE4520 | Digital Control panel<br>DSE4520 |
| Shutdown System               | -           | In case of abnormal : Oil pressure, water temperature                                                       |                                  |                                  |                                  |                                  |
|                               | -           | Emergency stop button, Engine Room Door Opened, Load Center Cover removed, Low fuel, Alternator charge Fail |                                  |                                  |                                  |                                  |
|                               | -           | Over Voltage/Frequency/Current/Power, Under voltage/Frequency                                               |                                  |                                  |                                  |                                  |
| Remote start                  |             | Two wire                                                                                                    |                                  |                                  |                                  |                                  |
| AMPS                          |             |                                                                                                             |                                  |                                  |                                  |                                  |
| Current                       | A           | 52.1                                                                                                        | 95.8                             | 17.4                             | 25.0                             | 41.7                             |
| *Including reserve tank       |             |                                                                                                             |                                  |                                  |                                  |                                  |



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## KJ DIGITAL SERIES

### DIESEL ENGINE GENERATORS

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**PRIME OUTPUT 11.2KVA - 30 - KVA**

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