

Specifications

| | | ES020ES | ES040ES | ES060ES |
|---|--|--|---|--------------|
| Output Power | | 2 kVA | 4 kVA | 6 kVA |
| AC Output | Form | Single-phase 2-wire floating output | | |
| | Rated output voltage | 100 V Range | 100 Vrms | |
| | | 200 V Range | 200 Vrms | |
| | Output voltage setting range | 100 V Range | 0 Vrms to 150 Vrms (resolution of 0.1 V) | |
| | | 200 V Range | 0 Vrms to 300 Vrms (resolution of 0.1 V) | |
| | Maximum output current (100V/200V) | 20A/10A | 40A/20A | 60A/30A |
| | Maximum output current (Peak value) | Precision mode: up to 3.5 times effective value High stability mode: up to 2.7 times high as effective value | | |
| | Reverse power flow (reference value) | 30 % of Maximum output current (effective value) | | |
| | Output frequency | Setting range | 5 Hz to 1100 Hz (resolution of 0.01 Hz) | |
| | | Power frequency synchronization | Enable (synchronization range 48 Hz to 62 Hz) | |
| | Load regulation | Precision mode : ± 0.5 % or less High stability mode : ± 1.0 % or less | | |
| | Line regulation | ± 0.2 % or less | | |
| | Load power factor range | 0 to 1 (lead or lag) | | |
| Output voltage waveform distortion rate | 0.3 % or less (40 Hz to 100 Hz, rated output voltage, typ.) , 0.5 % or less (rated output voltage) | | | |
| Output noise level | 300 mVrms or less | | | |
| DC Output | Rated output voltage | 100 V Range | +141 V | |
| | | 200 V Range | +282 V | |
| | Voltage setting range | 100 V Range | 0 V to + 203 V (resolution of 0.1 V) | |
| | | 200 V Range | 0 V to + 406 V (resolution of 0.1 V) | |
| | Maximum output current | 9A/4.5A | 18A/9A | 27A/13.5A |
| Rated output power | 1.27 kW | 2.54 kW | 3.81kW | |
| Power Supply | Voltage | 170 V rms to 250 V rms, 48 Hz to 62 Hz | | |
| | Power consumption (Approx.) | 3.8 kVA | 7.6 kVA | 11.4kVA |
| | Power factor | 0.90 or more (0.97 typ., at rated output) | | |
| Functions | Measurement function | Voltage / Current / Active power / Apparent power and power factor | | |
| | Power fluctuation test | Abrupt voltage change and frequency and/or voltage sweep functions | | |
| | External signal input | Input impedance: 100 k Ω , (unbalanced), Input frequency range: 5 Hz to 1 kHz, Maximum input voltage: ± 5 V, Gain: 100 times External control input (ADD/ VCA) | | |
| | Other functions | Protective function, AGC, Remote sensing, Auto Cal, Memory function, Limit value setting and Key lock | | |
| | Interface | GPIB, RS-232 | | |
| | Weight (Approx.) | 48 kg | 96 kg | 144 kg |
| Dimension | 240mm(W) \times 705mm(H) \times 800mm(D)(each configuration unit) | | | |

The contents of this catalog are current as of December 11, 2018.

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