

#### Application

- Automotive
- Semiconductor
- Display (LED, OLED)
- Battery
- Electronic
- Energy
- System Integration



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## High Performance

Programmable DC Power Supply

# NEX Series

Perfect choice for **various industries!**

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# NEX Series

## Best performance

High Efficiency · Fast Response · Stable  
Programmable DC Power Supply

Why **oda** TECHNOLOGIES is your best choice

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R&D Center

Custom  
designed  
products

Reliable  
& Fast  
Production

### Tested for Safety | Reliability

<https://www.standard.go.kr/KSCI/portalindex.do>  
Check certifications through the link (Search below codes)

|                                    |                |
|------------------------------------|----------------|
| Thermotolerance Test               | IEC 60068-2-2  |
| Frequent Humidity Test             | IEC 60068-2-30 |
| Vibration Test                     | IEC 60068-2-6  |
| Humidity Test under safe condition | IEC 60068-2-78 |



#### ● Basic Function

- 4-Digital Display Resolution
- OVP, OCP Protection Mode
- UVL, OVL, UCL, OCL Mode
- Calibration function provided
- Panel Lock function provided
- Memory Store & Recall function provided
- Factory Mode(User Memory, Last State, Auto Cursor, Auto Key Lock etc.) 12 functions provided
- RS232C, RS485, TCP/IP Communication methods provided
- External Control function provided(Analog Control)

#### ● Option

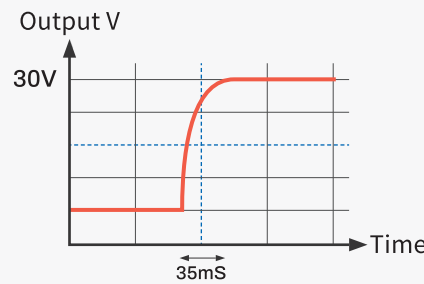
- External GPIB Communication
- Change of Input Power
  - 220V 3 Phase
  - 380V 3 Phase
- Bi-Polar
- Custom options available

#### ● Product Line-Up

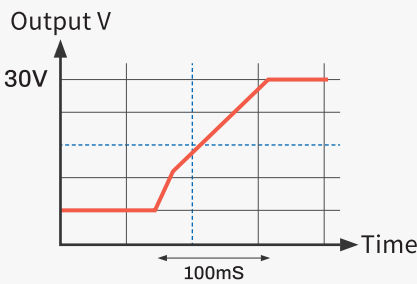
| Model | NEX 2400 Series |     |       |      | NEX 4800 Series |      |
|-------|-----------------|-----|-------|------|-----------------|------|
| Size  | 1U              |     |       |      | 2U              |      |
| 20V   | 30A             | 60A | 90A   | 120A | 180A            | 240A |
| 30V   | 20A             | 40A | 60A   | 80A  | 120A            | 160A |
| 50V   | 12A             | 24A | 36A   | 48A  | 72A             | 96A  |
| 60V   | 10A             | 20A | 30A   | 40A  | 60A             | 80A  |
| 80V   | 7.5A            | 15A | 22.5A | 30A  | 45A             | 60A  |
| 100V  | 6A              | 12A | 18A   | 24A  | 36A             | 48A  |
| 150V  | 4A              | 8A  | 12A   | 16A  | 24A             | 32A  |
| 200V  | 3A              | 6A  | 9A    | 12A  | 18A             | 24A  |
| 300V  | 2A              | 4A  | 6A    | 8A   | 12A             | 16A  |
| 600V  | 2A              |     |       |      | 4A              |      |

#### NEX Series

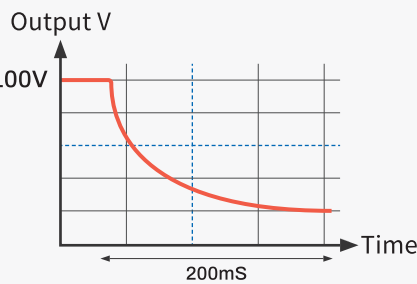
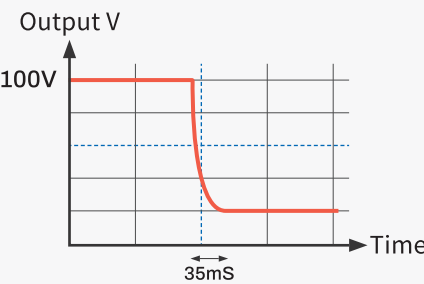
##### ● Rising Time Comparison



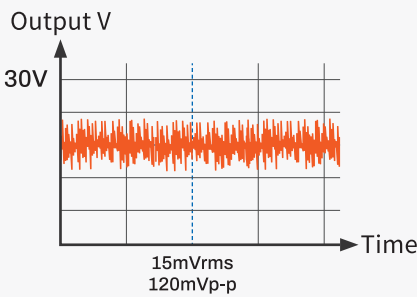
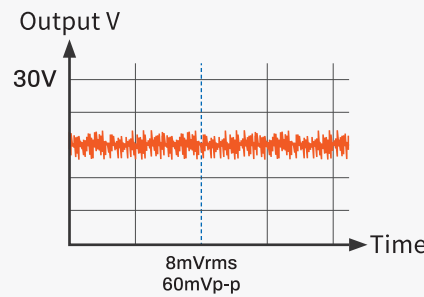
#### Other Power Supplies



##### ● Falling Time Comparison

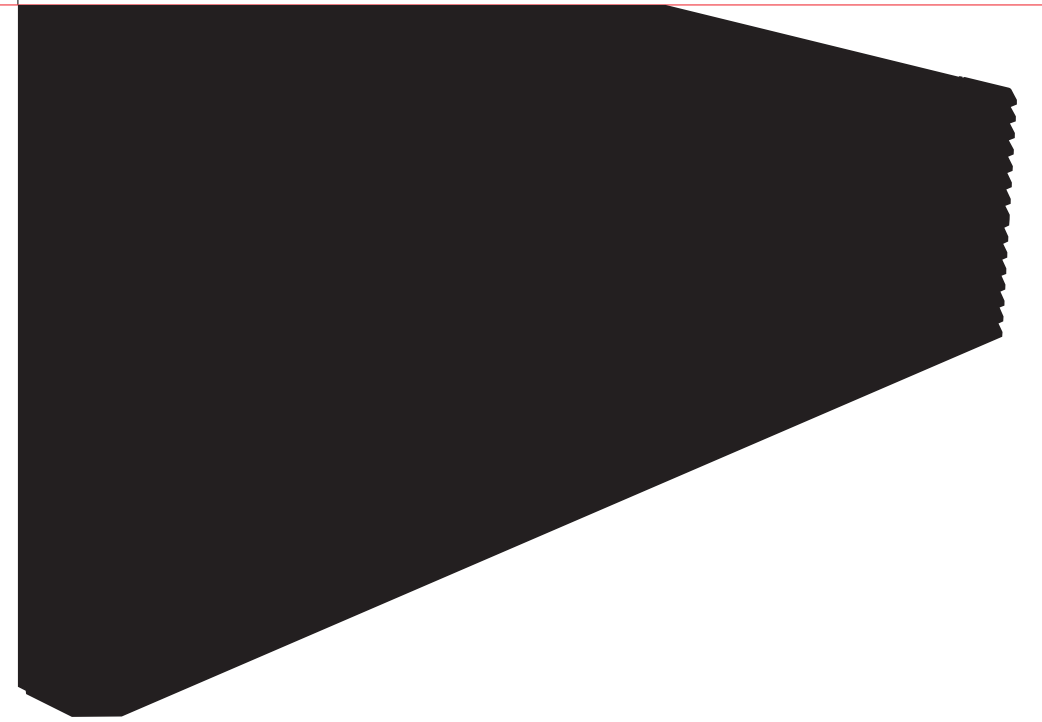


##### ● Ripple & Noise Comparison



#### ● Specification

| SPEC/MODEL               | 600W~2400W                   | 2400W~4800W                  |
|--------------------------|------------------------------|------------------------------|
| Display Resolution       | 4Digit 10mV or 100mV         |                              |
| Line & Load Regulation   | ≤ 0.01%                      | ≤ 0.01%                      |
| Programming Accuracy     | 0.1%+offset                  | 0.1%+offset                  |
| Ripple & Noise           | Output 30V(8mVrms / 60mVp-p) | Output 30V(8mVrms / 60mVp-p) |
| Rise Time (Full Load)    | 35mS                         | 50mS                         |
| Falling Time (Full Load) | 35mS                         | 50mS                         |
| Power Factor (Full Load) | ≥ 0.99%                      |                              |
| Transient Response Time  | 1mS                          |                              |
| Efficiency (Full Load)   | ≥ 87%                        |                              |
| Size(mm)                 | 426(W) * 44(H) * 550(D)      | 426(W) * 88(H) * 550(D)      |
| Weight                   | 600W(7.5kg)~2400W(10kg)      | 2400W(15.5kg)~4800W(18kg)    |



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