

3310C Series DC Electronic Load

Plug-in Dynamic Load Module

3310C 60V/30A/150W DC LOAD

3311C 60V/60A/300W DC LOAD

3312C 250V/10A/300W DC LOAD

3314C 500V/ 5A/200W DC LOAD

3315C 60V/15A/ 75W DC LOAD



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Features

- ;óCan be configured in 3300 series Mainframe
- ;óCC, CR, CV, CP, Dynamic, Short Mode
- ;óDual 4 1/2 V / A Meter on each module
- ;ó150 Memory on 3300c Mainframe
- ;óProtections against V, I, and ϕ J

Applications

- ;óVoltage/Current source
- ;óSMPS transient response
- ;óCurrent limit testing and battery emulation
- ;óBattery charger
- ;óBattery discharge
- ;óR&D, Quality Control
- ;óATE system
- ;óProduction testing

Descriptions

3310C series Module are used with the 3302 and 3300A Mainframes;C

Please refer to the 3300 series Mainframe section for details;C

Each 3310C Series Module has its own control and display panel, CC/CR/CV/CP/Dynamic modes, 150

Store/Recall which provides load set-up more efficiently;C

Programmable Load ON/OFF voltage, GO/NG meter check, CP mode and larger memory is much advance features than 3310 series ;C

Specifications

| MODEL | 3310C | 3311C | 3312C | 3314C | 3315C |
|--|-------------------------|------------------------|----------------------------|-----------------------------|---------------------------|
| INPUT RATING | | | | | |
| Power | 150W | 300W | 300W | 200W | 75W |
| Current | 30A | 60A | 10A | 5A | 15A |
| Voltage | 60V | 60V | 250V | 500V | 60V |
| CC MODE Accuracy: 0.2% of (setting + range) | | | | | |
| Range | 0-3A/30A 0.8mA/8.0mA | 0-6A/60A 1.6mA/16mA | 0-1A/10A 0.266mA/2.66mA | 0-0.5A/5A 0.133mA/1.33mA | 0-1.5A/15A 0.4mA/4.0mA |
| CR MODE Accuracy: 0.2% of (setting + range) | | | | | |
| Range | 0.1067Ω-2Ω-7.5KΩ | 0.0533Ω-1Ω-3.75KΩ | 1.333Ω-25Ω-18.75KΩ | 5.333Ω-100Ω-18.75KΩ | 0.213Ω-4Ω-15KΩ |
| Resolution | 0.533mΩ/0.133mS | 0.266mΩ/0.266mS | 6.666mΩ/0.053mS | 26.66mΩ/13.333uS | 1.066mΩ/66.666uS |
| CV MODE Accuracy: 0.1% of (setting + range) | | | | | |
| Range | 0-60V | 0-60V | 0-250V | No | 0-60V |
| Resolution | 0.016V | 0.016V | 0.0666V | | 0.016V |
| CP MODE Accuracy: 0.5% of (setting + range) | | | | | |
| Range | 0-150W | 0-300W | 0-300W | 0-200W | 0-75W |
| Resolution | 0.04W | 0.08W | 0.08W | 0.0533W | 0.02W |
| DYNAMIC MODE THIGH / TLOW: 50uSec TO 9.999 Sec | | | | | |
| Rise/Fall | 2.0-125mA/uSec | 4-250mA/uSec | 0.8-50mA/uSec | 0.4-25mA/uSec | 1.0-62.5mA/uSec |
| Slew Rate | 20mA-1.25A/uSec | 40mA-2.5A/uSec | 8mA-0.5A/uSec | 4mA-0.25A/uSec | 10mA-0.625A/uSec |
| 4 1/2 DVM Accuracy: 0.05% of (reading + range) | | | | | |
| Range | 15v/60v | 15V/60V | 30V/300V | 60V/600V | 15V/60V |
| Resolution | 1mV/2mV | 1mV/2mV | 1mV/10mV | 2mV/20mV | 1mV/2mV |
| 4 1/2 DAM Accuracy: 0.2% of (reading + range) | | | | | |
| Range | 3A/30A | 6A/60A | 1A/10A | 0.5A/5A | 1.5A/15A |
| Resolution | 1mA | 1mA/2mA | 0.1mA/1mA | 0.1mA/1mA | 0.1mA/1mA |
| Load ON Voltage | 0.1-25V | | 0.2-50V | 0.4-100V | 0.1-25V |
| Load OFF Voltage | 0-25V | | 0-50V | 0-100V | 0-25V |
| Imonitor | 3A/V | 6A/V | 1A/V | 0.5A/V | 1.5A/V |

General

- *Mainframe:3300A for Manual and Remote.
3300C for Manual and Remote.
3302C for Manual and Remote.
- *Cooling :Force Fan Cooled.
- *Weight :3.5 Kg/Module.
- *Dimension:108Wx143Hx405Dmm.

Accessories

- *BNC-Clip cable 1pc.
- *Banana Plug 2pcs.
- *Hook terminal 2pcs.
- *Operation Manual 1pc.

Options