

500V/12A, 330W DC Elec. Load

Features:

- ⊙ CC, CR, CV, CP, Dynamic SHORT Mode
- ⊙ LCD 5 Digital V/A/W Meter
- ⊙ 150 Memory
- ⊙ Protections against V,I,W and °C

Applications:

- ⊙ Voltage/Current Source
- ⊙ SMPS Transient Response
- ⊙ Current Limit testing and battery emulation
- ⊙ Battery Charger
- ⊙ Battery Discharge
- ⊙ R&D, QC, Production testing
- ⊙ ATE System

Descriptions:

High power Series has it own control and display panel.
CC/CR/CV/CP/Dynamic modes, 150 Store/Recall which provides load set-up more efficiently. Programmable Load ON/OFF voltage, GO/NG meter check.

Specifications :

Model		3314F-02	
INPUT RATINGS			
Power(Watt)		330 W	
Current(Ampere)		12 A	
Voltage(Volt)		500 V	
PROTECTIONS			
Over Power Protection(OPP)		≈ 346.5 W	
Over Current Protection(OCP)		≈ 12.6 A	
Over Voltage Protection(OVP)		≈ 525 V	
Over Temp. Protection(OTP)		Yes	
CC MODE	RANGE	0 ~ 1.2A/ 12A	
	RESOLUTION ACCURACY	0.02mA / 0.2mA ±0.1% OF (SETTING + RANGE)	
CR MODE	RANGE	0.5Ω ~ 50Ω ~ 300KΩ	
	RESOLUTION ACCURACY	833.334μΩ / 0.000333mS ±0.2% OF (SETTING + RANGE)	
CV MODE	RANGE	0 ~ 60V / 500V	
	RESOLUTION ACCURACY	0.001V / 0.01V ±0.05% OF (SETTING + RANGE)	
CP MODE	RANGE	0 ~ 33W / 330W	
	RESOLUTION ACCURACY	0.55mW / 5.5mW ±0.5% OF (SETTING + RANGE)	
5 Digital DVM	RANGE	0 ~ 60V / 500V	
	RESOLUTION ACCURACY	0.001V / 0.01V ±0.025% OF(READING RANGE)	
5 Digital DAM	RANGE	0 ~ 1.2A / 12A	
	RESOLUTION ACCURACY	0.02mA/ 0.2mA ±0.1% OF (READING + RANGE)	
Dynamic Operation	THIGH/TLOW	50uS to 9.999 Sec	
	SLEW-RATE	0.8 ~ 50.0mA/μS	8.0 ~ 500.0mA/μS
	ACCURACY	±(5% OF SETTING) ±10us	
Load ON Voltage		0.4-100V, ±1% of (Setting + Range)	
Load OFF Voltage		0-99.6V, ±0.025% of (Setting +Range)	
Imonitor		1.2A/V	
Maximum Short Resistance		0.5Ω	

General :

- ⊙ Weight : 3.5kgs
- ⊙ Dimension : 108Wx143Hx412Dmm
- ⊙ Work temperature : 0 ~ 35°C

Accessories :

- ⊙ Operation Manual

*Data subject to change without notice

