

PROGRAMMABLE DC ELECTRONIC LOAD



Salient features:

- High Performance ARM Cortex™-M3 32 bit Micro controller
- High precision data presentation
- Very useful for simulation testing of missile electronics
- Suitable for Battery Discharger, SMPS Tester, Power Supply Tester, Solar Panel Tester
- Voltage range :2V to 6V
- Load capacity up to 400A
- Mode of operation: Constant Current
- Display: Digital Panel meter for Current and Voltage
- Set Current: Through front panel multi turn potentiometer
- Cooling: Forced air cooling
- Protections: Reverse polarity
- Indications: Mains, Source Connected, Source Reverse and Load ON

DATAERA EV SYSTEMS LLP

Plot No.19, TIF MSME Dandu Malkapur Industrial Estate, Yadadri Dt – Telangana-508252

Phone: +91 8106339911

Web: www.dataeraev.in

Email: ceo@dataeraev.in

SPECIFICATIONS CHART

Programmable DC Electronic Load: Model EL-0640-02

Sl.No	Parameters	
a.	voltage	2V-6V
b.	Load current Range	0-400A
c.	Power rating	2400W
d.	Peak power	2400W
e.	Modes of operation	Constant Current
f.	Constant current mode	0-400A
g.	Constant power mode	0-2400W
II	Constant current mode	
a.	Current	0-400A
b.	Current Resolution	100mA
c.	Accuracy	±0.1%
III	Display	
a.	Voltage	4 ½ Digit panel meter on front panel
b.	Current	4 ½ Digit panel meter on front panel
IV	Meters and Indications	
a.	Mains ON	
b.	Source Connected	
c.	Source Reverse	
d.	Trip	
V	Test Termination Methods	
a.	By End Voltage	S/W configurable
b.	Forced Termination	S/W configurable
c.	Emergency Cut off	Circuit Breaker
VII	Protections	
a.	Over voltage	
b.	Over current	
c.	Over power	
d.	Reverse polarity	
e.	Over temperature	
VIII	Interface	
a.	RS-232, RS-485, USB	
IX	Analog interface(external)	
a.	0-5V for current(switchable)	
b.	0-5V for power(switchable)	
X.	Cooling	
a.	Forced air cooling	
XII	Output Terminals	
a.	Heavy Duty terminals on Rear Panel	

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