

AvivEnergy tech Ltd.

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P.O.B 525, ROSH HA'AYIN 48104 ISRAEL

Features

- Series / Parallel Operation
- Output polarity: (+),(-),GND, positive or negative
- Low Ripple
- Digital control
- LCD display
- High precision



Model	AE3003D-3	AE3005D-3
Output Voltage	2x0-30V	2x0-30V
Output Current	2x0-3A	2x0-5A
Fixed Output	5V,3V	5V,3V
Technical Parameters		
Input Voltage	105~115V AC(60Hz), or 210~260V AC (50Hz)	
Dual adjustable power supply		
Line regulation	CV ≤ 0.01% + 2mV	CC ≤ 0.2% + 2mA
Load regulation	CV ≤ 0.01% + 3mV (I≤3A) CV ≤ 0.01% + 5mV (I>3A)	CC ≤ 0.2% + 3mA(I≤3A) CC ≤ 0.2% + 3mA(I>3A)
Ripple and noise	CV ≤ 0.5mVr.m.s (I≤3A) CV ≤ 1.0mVr.m.s (I>3A)	CC ≤ 3mAr.m.s (I≤3A) CC ≤ 6mAr.m.s (I>3A)
Protection	Constant current or short- circuit protection	
Voltage indication accuracy	LED/LCD ± 2% +2digits analogue display 2.5%	
Current indication accuracy	LED/LCD ± 2% +2digits analogue display 2.5%	
Fixed output		
* Output voltage	5V ± 2.5%	
* Output current	3A	
* Line regulation	CV ≤ 0.01% + 1mV	
* Load regulation	≤ 0.1%	
* Ripple and noise	≤ 0.5mVr.m.s	
* Environment	0 ~ 40° C	