

3600 Series

Programmable DC Power Supplies



FEATURES

- Compact design
- LCD display with back light
- High program resolution
- 10 parameter storage
- Programmable max output voltage / power limitation
- Over voltage / over current / over power / over temperature protection
- PowerMS Power Management System software. ActiveX and DLL tools support VB, VC++, Delphi & LABView.

ENVIRONMENTAL

Operating Temp: 0 to +50°C

SAFETY / EMC

Designed to meet European Directives for EMC and LVD.CE marked.

ACCESSORIES

Standard: User's manual, AC cable, handlebars, software CD

Optional: RS232 adaptor, RS485 adaptor, USB adaptor, Mounting Rack

DIMS. & WEIGHT

Dims (mm): 212.6 x 88.1 x 250
(W) (H) (D)

Weight: 6.0kg

ELECTRICAL SPECIFICATIONS

Model	3644A	3645A	3646A
AC Input Voltage	110/220 VAC ±15%, 47-63Hz		
DC Output			
Voltage	0 - 18V	0 - 36V	0 - 72V
Current	5A	3A	1.5A
Power (max)	90W	108W	108W
Line Reg. Voltage	0 - 3.999Vout: 0.01% +3mV 4 - Vout (max): 0.02% +10mV		
Current	0.02% +8mA		
Load Reg. Voltage	0.02% +20mV	0.02% +10mV	0.02% +10mV
Current	0.02% +15mA	0.02% +10mA	0.02% +8mA
Ripple & noise			
Voltage	<1mV rms		
Current	<5mA rms	<4mA rms	<3mA rms
Programming Accuracy at 25°C ±5°C			
Voltage	0.1% +20mV		
Current	0.2% +20mA		
Read back Accuracy at 25 °C ±5°C			
Voltage	0.2% +20mV	0-19.999V: 0.2% +20mV 20-Vout (max): 0.2% +100mV	
Current	0.2% +20mA		
Program Resolution			
Voltage	0-3.999V: 1mV 4-Vout (max): 10mV		
Current	1mA		
Read back Resolution			
Voltage	10mV	0-19.999V: 10mV 20-Vout (max): 100mV	
Current	10mA		

Specifications subject to change without notice

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