Main functions:

- Set up voltage
- Set up current
- Enable/disable the output
- Store parameters
- Recall parameters

Sub- functions

- Set up the maximum output voltage
- Set up the maximum output power
- Enable/disable the rotary knob
- Set up initial output state
- Save voltage setting

Specifications

Model	3644A	3645A	3646A
Number of outputs	1	1	1
DC outputs			
Voltage	0 to 18V	0 to 36V	0 to 72V
Current	5A	3A	1.5A
Power(max)	90W	108W	108W
Line Regulation			
Voltage	0-3.999V: 0.01% + 3mV	0-3.999V: 0.01% + 3mV	0-3.999V: 0.01% + 3mV
	4-18V: 0.02% + 10mV	4-36V: 0.02% + 10mV	4-72V: 0.02% + 10mV
Current	0.02% + 8mA	0.02% + 8mA	0.02% + 8mA
Load Regulation			
Voltage	0.02% + 20mV	0.02% + 10mV	0.02% + 10mV
Current	0.02% + 15mA	0.02% + 10mA	0.02% + 8mA
Ripple and noise			
Voltage	<1mVrms	<1mVrms	<1mVrms
Current	<5mArms	<4mArms	<3mArms
Programming accuracy at 25°C+/- 5°C			
Voltage	0.1% + 20mV	0.1% + 20mV	0.1% + 20mV
Current	0.2% + 20mA	0.2% + 20mA	0.2% + 20mA
Readback accuracy at 25°C+/- 5°C			
Voltage	0.2% + 20mV	0-19.999V: 0.2% + 20mV	0-19.999V: 0.2% + 20mV
		20-36V: 0.2% + 100mV	20-72V: 0.2% + 100mV
Current	0.2% + 20mA	0.2% + 20mA	0.2% + 20mA
Program resolution			
Voltage	0-3.999V: 1mV	0-3.999V: 1mV	0-3.999V: 1mV
	4-18V: 10mV	4-36V: 10mV	4-72V: 10mV
Current	1mA	1mA	1mA
Readback resolution			
Voltage	10mV	0-19.999V: 10mV	0-19.999V: 10mV
		20-36V: 100mV	20-72V: 100mV
Current	10mA	10mA	10mA
Protection	Over voltage / Over current / Over power / Over temperature		
AC Input	110V/220Vac +/- 15%, 47 to 63 Hz		
Operating environment	0 to 50°C, 80% RH		
Weight	6.00kg		
Dimensions	212.6mmW x 88.1mmH x 250mmD		
Software	PowerMS Power Management System software, ActiveX and DLL tools support VB, VC++, DELPHI, LABVIEW		
Standard Accessories	User's manual, AC cable, handlebars		
Optional Accessories	RS232 adaptor, RS485 adaptor, USB adaptor, Mounting rack		

Dimensions (Unit : mm)

248
212.6
88.1
250