

PROGRAMMABLE DC POWER SUPPLY

3644A

3645A

3646A

With backlight LCD, provides you easier operation menu and more complete data indication.

With the rotary encode switch for higher-level instrument, provides you fastest setting mode.

Number key board provides you fast and more accurate entering

Mini-size with high power output, suitable for tabletop or rackmount.

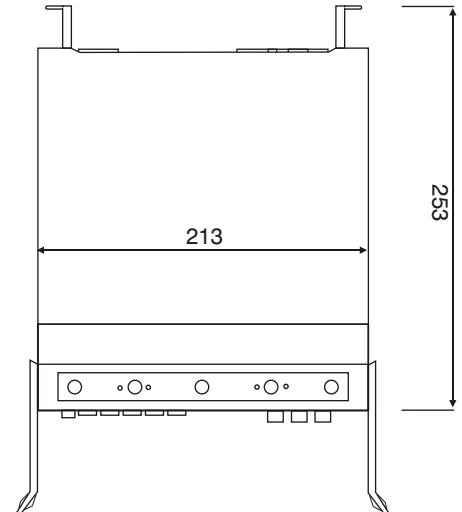
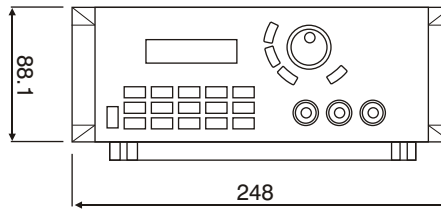


MAIN FUNCTIONS

- ➔ Set up a constant voltage (CV)
- ➔ Set up the protection current
- ➔ ON/OFF controlling the voltage output
- ➔ Store 10 sets of the set data

SUB FUNCTIONS

- ➔ Set up the maximum output voltage
- ➔ Set up the maximum output power
- ➔ Set up the communication
- ➔ Set up the password



SPECIFICATIONS

Type	3644A	3645A	3646A
Output	1	1	1
Output voltage	0-18V	0-36V	0-65V
Constant current	0-6A	0-3A	0-1.5A
Voltage resolution	1mV at 0-3.999V 5mV at 4-18V	1mV at 0-3.999 10mV at 4-36V	1mV at 0-3.999 20mV at 4-65V
Current resolution	$\leq 2\text{mA}$	$\leq 1\text{mA}$	$\leq 1\text{mA}$
Line regulation for voltage	0-3.999V 0.01%+3mV 4-18V 0.02%+10mV	0-3.999V 0.01%+3mV 4-36V 0.02%+10mV	0-3.999V 0.01%+3mV 4-65V 0.02%+10mV
Line regulation for current	0.02%+15mA	0.02%+10mA	0.02%+10mA
Load regulation for voltage	0.02%+40mV	0.02%+20mV	0.02%+10mV
Load regulation for current	0.02%+15mA	0.02%+10mA	0.02%+10mA
Ripple		$V_{rms} \leq 2\text{mV}_{rms}$	
Set up reaction time	UP (50/90%) 10ms DOWN (90/50%) 30ms		
Communication cable	RS232/RS485 *		
ActiveX	Free ActiveX for VC++ / VB/ DELPHI/ LABVIEW/ COM Cable		
Memory	10 points EEPROM		
Protective mode	Over voltage/ over current/ over power		
Mains voltage	AC110/220 available (60/50HZ)		
Operating environment	0-50 C 80%RH		
Weight size	6.0kg WxHxD 250mmx212mmx88mm		
Accessories	Software, users manual, AC power cable, handlebars		
Optional purchasable accessories	Communication cable for RS232 , communication cable for RS485 & mounting rack		