

**Specifications :**

Model	3644A	3645A	3646A
Number of outputs	1	1	1
<b>DC outputs</b>			
Voltage	0 ~ 18V	0 ~ 36V	0 ~ 72V
Current	5A	3A	1.5A
Power(max)	90W	108W	108W
<b>Line regulation</b>			
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 4-72V: 0.02%+10mV
Current	0.02%+8mA	0.02%+8mA	0.02%+8mA
<b>Load regulation</b>			
Voltage	0.02%+20mV	0.02%+10mV	0.02%+10mV
Current	0.02%+15mA	0.02%+10mA	0.02%+8mA
<b>Ripple and noise</b>			
Voltage	<1mV rms	<1mV rms	<1mV rms
Current	<5mA rms	<4mA rms	<3mA rms
<b>Programming accuracy at 25°C +/- 5°C</b>			
Voltage	0.1%+20mV	0.1%+20mV	0.1%+20mV
Current	0.2%+20mA	0.2%+20mA	0.2%+20mA
<b>Readback accuracy at 25°C +/- 5°C</b>			
Voltage	0.2%+20mV	0-19.99V : 0.2%+20mV 20-36V : 0.2%+100mV	0-19.99V : 0.2%+20mV 20-72V : 0.2%+100mV
Current	0.2%+20mA	0.2%+20mA	0.2%+20mA
<b>Program resolution</b>			
Voltage	0-3.999V : 1mV 4-18V : 10mV	0-3.999V : 1mV 4-36V : 10mV	0-3.999V : 1mV 4-72V : 10mV
Current	1mA	1mA	1mA
<b>Readback resolution</b>			
Voltage	10mV	0-19.99V : 10mV 20-36V : 100mV	0-19.99V : 10mV 20-72V : 100mV
Current	10mA	10mA	10mA
Protection	Over voltage/Over current/Over power		
Interface	RS232/RS485/USB*1		
AC Input	110V/220V AC +/-15%, 47~63Hz		
Operating environment	0~50°C, 80% RH *2		
Weight	6.00kg		
Dimensions	212.6mm W x 88.1mm H x 250mm D		
Software	PowerMS Power Management System software, ActiveX and DLL tools Support VB,VC++,DELPHI,LABVIEW		
Standard accessories	User's manual, Ac cable, handlebars, software CD		
Optional accessories	RS232 adaptor, RS485 adaptor, USB adaptor, Mounting rack		

1、 Optional adapter required.

2、 0 to 35°C for full rated output. At higher temperatures, the output current is derated 3% per°C.