

## FA-363B, FA-376, FA-662B, FA-665, FA-672

FA-376/FA-672 power supplies combine linear and commutation technology in order to provide the best advantages:

Reduced size in comparison with similar power execution in linear technology, and corresponding improved performance, together with major weight reduction.

Output characteristics equal to those found in linear devices are obtained.

The devices are equipped with fine and coarse control to better adjust the voltage, together with a control to pre-set the maximum output current.

In addition to the main output, an auxiliary one at a fixed voltage of 5 V is provided.

Both outputs are floating.

The FA-665 power supply possesses the major advantages given by the use of linear and commutation technology.

It consists of two independent supplies which enable the output to be independently adjusted between 0 and 30 V. In addition, the two supplies are floating with respect to the earth, each one being able to supply up to 5 A.

The "TRACKING" operation mode is included, where both supplies are inter-connected in such a way that they become two equal supplies, of opposite sign with respect to a central point common to both. In this mode of operation, the output voltage is controlled from only one of them, the other being the same value.

Output characteristics equal to those found in linear devices are obtained.

Possibility to shortcircuit all supplies.

SPECIFICATIONS	FA-363B	FA-376	FA-662B	FA-665	FA-672
<b>Main output</b>					
Output voltage DC	0 to 30 V			2 x 0 to 30 V	0 to 60 V
Output Current	0 to 2 A	0 to 5 A	0 to 1 A	0 to 5 A	0 to 2,5 A
Load regulation	≤0.05%+2mV	0.02%+5mV	≤1.5mV	0.02%+5mV	0.02%+5mV
Mains regulation	≤0.02%+2mV	0.02%+5mV	≤1mV	0.02%+2mV	0.02%+5mV
Noise and hum	≤2mV rms	6mV rms	≤500mV rms	6mV rms	10mV rms
Technology		Linear with commutated pre-regulator		Linear with commutated pre-regulator	
Output		Floating		Floating	
Readout	Digitals, V and A				
Type	±(0.1% reading±1digit)	3 ½ digits	±(0.1% reading±1digit)	3 ½ digits	
Resolution	100 mV 10 mA				
Protections	Thermal	by current limitation, by device disconnection		by current limitation, by device disconnection	
<b>Auxiliary output</b>					
Output voltage DC	5 V ± 15 V	5V			
Output current	1A ± 0,5A	1A			
Load regulation	50 mV		50 mV		
Mains regulation		50 mV		50 mV	
Technology		linear		linear	
Output		floating		floating	
<b>Operating environmental conditions</b>					
Temperature range	5° C to 40° C				
Relative humidity	Max 80% (up to 31°C) decreasing linearly until 50% at 40°C				
<b>Power supply</b>					
Mains voltage	110-125-220-240 V CA 50-60 Hz	230 V CA ± 10% 50 Hz	110-125-220-240 V CA 50-60 Hz	230 V CA ± 10% 50 Hz	
Consumption	120 W	200 W	145 W	380 W	200 W
<b>Mechanical features</b>					
Dimensions W. x H. x D.	230 x 145 x 290 mm	200 x 195 x 254 mm	210 x 185 x 280 mm	300 x 195 x 292 mm	200 x 195 x 254 mm
Weight	6 Kg	2.8 Kg	6.6 Kg	5.4 Kg	2.8 Kg