

Oil Condenser-type Magnetizing Electric Power Supply



Oil condenser type MFC-2510
●4ch output type
●Color LCD touch panel specification



Oil condenser type MFC-1510
●Standard type

- By use of oil condenser, high-power output of high voltage is possible.
- For welding prevention of output cable connector, adopt copper bus bar method.
- With twin digital meter, can display charging voltage and output current.
- With comparator function built-in meter, GO / NG determination of charging voltage and output current are possible.
- By introduction of low impedance circuit, suppress heat generation of magnetizing yoke / magnetizing coil. (*)
- Add tail cut circuit and kickback prevention circuit of magnetizing current. (*)

(*) Option



Control panel

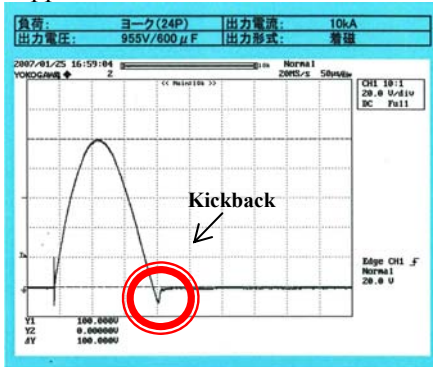


Color LCD Touch panel (optional specification)

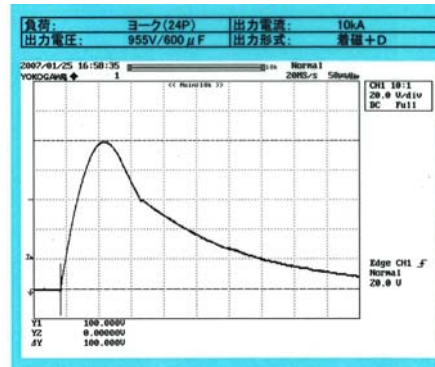


Analog panel (Basic specification)

Ripple of MFC-1500 series

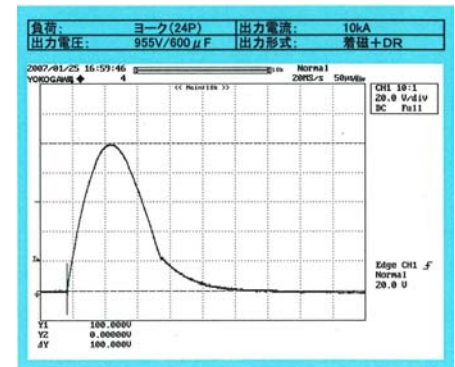


Ripple of normal discharge



Kickback prevention circuit

Can prevent generation of kickback to exert harmful effect on magnetizing



Tail cut circuit

With prevention of kickback, can cut tail part of discharge and suppress heat generation of magnetizing yoke / magnetizing coil

Type	MFC-1510	MFC-2510
Input voltage	AC200V / 220V	
Charging voltage	DC1500V	DC2500V
Charging display	Digital	
Maximum allowed current	20000A	20000A 40000A
Condenser capacity	1000μF	1000μF
Charging energy	1125J	3125J
Charging time	Approx. 4 second	Approx. 5 second
Dimension	W500 × D850 × H1000 (mm)	W700 × D1000 × H1040 (mm)
Weight	200kg	220kg
Accessories	Input cable / Output cable / Foot switch / Remote cable	

●Charging energy calculation method : $E(J)=1/2 \times C \times V^2$
 C : Condenser capacity (F)
 V : Charging voltage (V)

◆As for the 3500V series / 4500V series, make to order is possible.
 ◆Specification in this document is subject to change without notice.



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