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Our Company SOLID ELECTRIC



SBW-W / DBW-W>>

微电脑控制无触点稳压器

Microcomputer control non-contact voltage regulator



◆概述/Introduction

SBW-W型交流稳压器是我公司引进、吸收国外先进技术、同时结合实情，为稳定交流电压而设计的新型稳压电源。它集先进的可控硅无触点开关、微机控制交流稳压技术和变压器于一体，具有高效节能、快速调节、三相自动平衡、无碳刷磨损及机械故障，并具有延时、过压、欠压、逆相、缺相、过流保护及报警等功能。本系列稳压电源的可控硅采用过零触发方式，对电网没有干扰；多路同步切换，大大提高了稳压器调整时间；同时稳压器先进的主回路及控制系统设计，有效地提高了动态稳定性并消除了触点开关所产生的共态电流冲击和过电压所造成对系统和器件的损害，瞬时过载能力强，因而大大提高了系统运行的可靠性。该稳压器中央控制系统采用单片机控制，并配中文液晶显示，突出表现了设备的安全性、稳定性、节能性和人机界面的人性化。

DBW/SBW-W series single/three phase microcomputer compensation voltage regulators apply the latest technology, it apply advanced compensation methods and contactless switch, microcomputer control system. It is energy-saving, quick response, regulate the three phase voltage separately, no mechanical fault and no brush, and it has delay, over voltage, under voltage protections and alarm. It has solved the problem that the impact caused by the reactive current and over voltage, the instantaneous overload ability is strong, so it is much more reliable.



◆产品性能/Technical Parameter

输入电压 Input Voltage	380V ± 15% . ± 20%
输出电压 Output Voltage	380V ± 5可调 Adjustable
输出精度 Accuracy	2% - 5%可选 Optional
频率 Frequency	50~60Hz
绝缘电阻 Isulation Resistance	>2MΩ
波形失真 Waveform Distortion	< 1%
响应速度 Response Time	20ms
相数 Number of phase	三相 Three phase
耐压 pressure	2000V、1分钟无击穿、无飞弧 1 min no breakdown, no flash over
噪音 Noise	< 55DB

◆规格参数/Specification

型号规格(KVA) Model(KVA)	容量(KVA) Rated Power(KVA)	输出电流(A) Rated current	效率 Efficiency
SBW-W-10	10	16	≥94%
SBW-W-15	15	23	
SBW-W-20	20	31	
SBW-W-30	30	46	
SBW-W-50	50	76	≥96%
SBW-W-80	80	122	
SBW-W-100	100	152	
SBW-W-120	120	182	
SBW-W-150	150	227	≥98%
SBW-W-180	200	273	
SBW-W-225	225	342	
SBW-W-320	320	456	
SBW-W-400	400	608	
SBW-W-500	500	760	
SBW-W-600	600	912	
SBW-W-800	800	1216	
SBW-W-1000	1000	1520	