

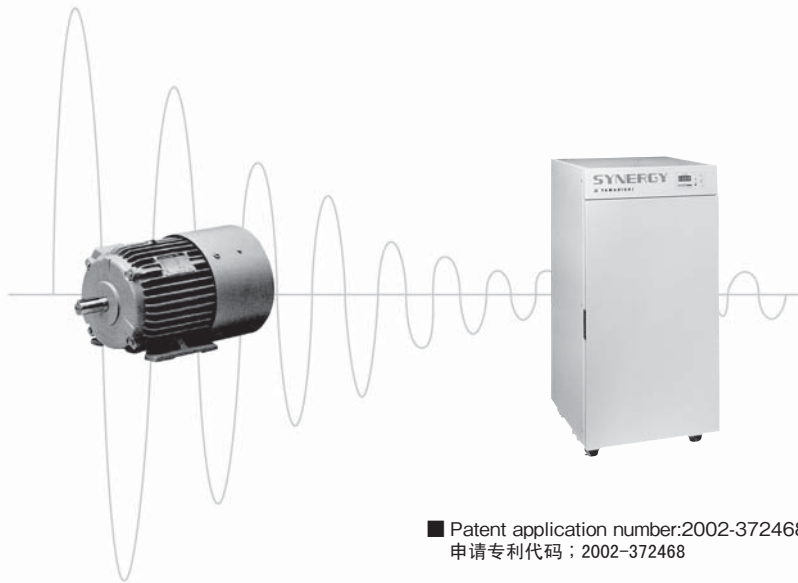
# For Estimation of Motor

## SYN/M series

SYN/M-Series is a power supply, which can startup a motor as same rated capacity. The device conducts examinations in the same condition as commercial power because it generates genuine sine wave and has no V/F control function.

SNY/M系列能为启动电动机提供额定容量的电源。

波形是标准的正弦波，由于不具有V/F控制功能，所以可以在与商用电源相同的条件下进行试验。



## Application 用途

- Motor drive test  
电动机驱动试验
- For devices that generate rush current  
产生冲击电流的装置用

## Feature 特长

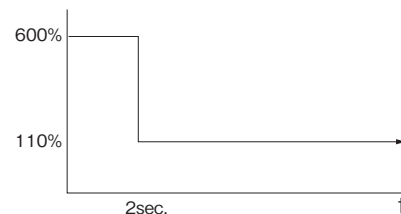
- Drives a motor by a model with the same capacity as the motor's rated capacity.  
可以驱动与电动机额定容量相同容量型号的电机。
- Conducts examination in the same condition as commercial power.  
可以在与商用电源相同条件下进行试验
- Sine wave  
正弦波

## Function 机能

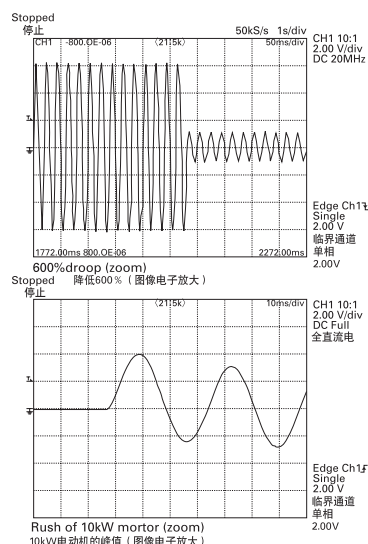
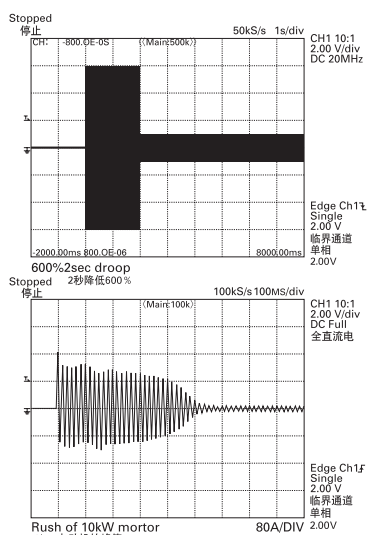
- It has 600% capacity to rating capacity (2 seconds). If 600% overcurrent continues for 2 seconds or more, it is restricted to 110% of rated capacity. Also, it has a protection function corresponding to random over current.

对额定容量具有 600% 容量 (2sec)。600% 的过电流持续 2sec 以上时，则限制为额定的 110%。此外，还具有对随机过电流的保护功能。

Load factor  
负载率



## Rush-current wave form 峰值波形



## 电动机试验用频率变换器

## SYN/M系列

## Specifications 规格

For estimation of motor 电动机试验用

Model 型号	SYN					
	2KH/MX	3KH/MX	5KH/MX	7.5KH/MX	10KH/MX	15KH/MX
Capacity(KVA) 容量 (KVA)	2	3	5	7.5	10	15
Phase 相位	Single Phase 2 Wire 单相二线					
Voltage 电压	100/200V or 110/220V or 115/230V or 120/240V or another 100/200V 或 110/220V 或 115/230V 或 120/240V 或其它					
Voltage Accuracy 电压精度	less than $\pm 1.0\%$ 小于 $\pm 1.0\%$					
Transient Response 瞬态响应	less than $\pm 5.0\%$ 小于 $\pm 5.0\%$					
Response Time 响应速度	less than 1msec. 小于 1 毫秒					
Adjust Range 调整范围	$\pm 5.0\%$					
Frequency 频率	50/60/45 ~ 65Hz					
Frequency Accuracy 频率精度	less than $\pm 0.01 / \pm 0.1\text{Hz}$ 低于 $\pm 0.01 / \pm 0.1\text{Hz}$					
Wave Distortion 波形失真	less than 2% (linear load) 5% (Rectifier load) 低于 2% (线性负载) 5% (整流负载)					
Over Current Protector 过电流保护	droop over 600% within 2sec. after 2sec droop over 110% 降低超过 600%, 2 秒之后降低超过 110%					
Crest Factor 峰值因数	300%					
Power Factor 功率因数	1 ~ 0.7					
Capacity(KVA) 容量 (KVA)	2.2	3.3	5.5	8.25	11	16.5
Phase 相位	Three Phase 3 wire 三相三线					
Voltage 电压	200V or 380V or 400V or 415V or another 200V 或 380V 或 400V 或 415V 或其它					
Voltage Range 电压范围	$\pm 10\%$					
Frequency 频率	47 ~ 63Hz					

Model 型号	SYN						
	5SH/MX	7.5SH/MX	10SH/MX	15SH/MX	20SH/MX	25SH/MX	30SH/MX
Capacity(KVA) 容量 (KVA)	5	7.5	10	15	20	25	30
Phase 相位	Three Phase 3 wire 三相三线						
Voltage 电压	200V or 380V or 400V or 415V or another 200V 或 380V 或 400V 或 415V 或其它						
Voltage Accuracy 电压精度	less than $\pm 1.0\%$ 小于 $\pm 1.0\%$						
Transient Response 瞬态响应	less than $\pm 5.0\%$ 小于 $\pm 5.0\%$						
Response Time 响应速度	less than 1msec. 小于 1 毫秒						
Adjust Range 调整范围	$\pm 5.0\%$						
Frequency 频率	50/60/45 ~ 65Hz						
Frequency Accuracy 频率精度	less than $\pm 0.01 / \pm 0.1\text{Hz}$ 低于 $\pm 0.01 / \pm 0.1\text{Hz}$						
Wave Distortion 波形失真	less than 2% (linear load) 5% (Rectifier load) 低于 2% (线性负载) 5% (整流负载)						
Over Current Protector 过电流保护	droop over 600% within 2sec. after 2sec droop over 110% 降低超过 600%, 2 秒之后降低超过 110%						
Crest Factor 峰值因数	300%						
Power Factor 功率因数	1 ~ 0.7						
Capacity(KVA) 容量 (KVA)	5.5	8.25	11	16.7	22	27.5	33
Phase 相位	Three Phase 3 wire 三相三线						
Voltage 电压	200V or 380V or 400V or 415V or another 200V 或 380V 或 400V 或 415V 或其它						
Voltage Range 电压范围	$\pm 10\%$						
Frequency 频率	47 ~ 63Hz						