

This document describes information about Siemens SIMOTICS S-1FL6 motors that must comply with the China national standard GB30253-2013 and is a supplement to the affected technical documentation officially published before.

### Applicable China national standard

Name of standard	Minimum allowable values of energy efficiency and energy efficiency grades for permanent-magnet synchronous motors (GB30253-2013).
Implementation date	July 1, 2020
Applicable motors	Permanent-magnet synchronous motors (without built-in brakes) up to 1000 V, fed by variable-frequency power supply, and with a power rating of 0.55 kW to 90 kW, and with a rated speed of 500 r/min to 3000 r/min
Requirements for motors	The China energy label must be attached to all applicable motors since the date of implementation of the standard.

### Affected Siemens products

Affected Siemens motors subject to the requirements of the standard GB30253-2013: SIMOTICS S-1FL6 motors

### China energy label example



- ① Product model no.

#### Note

On the energy label for the SIMOTICS S-1FL6 motor, the model no. indicates the complete motor article number.

### Affected technical documentation

- SINUMERIK 808D ADVANCED Commissioning Manual, edition 12/2018
- SINAMICS V90 PROFINET, SIMOTICS S-1FL6 Operating Instructions, edition 04/2020
- SINAMICS V90 Pulse Train, USS/Modbus, SIMOTICS S-1FL6 Operating Instructions, edition 04/2020

本文档描述了必须满足中国国家标准（GB30253-2013）要求的西门子SIMOTICS S-1FL6电机的信息，作为对先前正式发布的相关技术文档的补充说明。

### 适用的中国国家标准

标准名称	永磁同步电动机能效限定值及能效等级（GB30253-2013）
标准实施时间	2020年7月1日
适用的电机范围	1000 V及以下的电压、变频电源供电、额定功率为0.55 kW 至90 kW、额定转速为500 r/min 至3000 r/min的变频驱动永磁同步电机（不包括制动器在电机机壳内的电机）
对电机的要求	自标准实施之日起，所有符合要求的电机必须加贴有中国能效标识。

### 受影响的西门子产品

必须满足GB30253-2013标准要求的西门子电机产品：SIMOTICS S-1FL6电机

### 中国能效标识举例



① 产品规格型号

#### 说明

SIMOTICS S-1FL6电机能效标签上的产品规格型号代表完整的电机订货号。

### 受影响的的技术文档

- SINUMERIK 808D ADVANCED 调试手册，12/2018版
- SINAMICS V90 PROFINET, SIMOTICS S-1FL6 操作说明，04/2020版
- SINAMICS V90 脉冲, USS/Modbus, SIMOTICS S-1FL6 操作说明，04/2020版