

ICS 25.160.30

CCS J64



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 10249-2010

Replacing GB/T 10249-1988

The organization for electric welding machine model

电焊机型号编制方法

Issued on: November 10, 2010

Implemented on: May 1, 2011

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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1 Scope

GB/T 10249-2010 is the Chinese national standard on the organization for electric welding machine model, in the field of manufacturing engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 10 November 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2011. Classification: ICS 25.160.30, CCS J64. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the welding machine model preparation method. This standard applies to general use conditions of the welding machine products.

2 Normative reference documents

The terms of the following documents are hereby incorporated by reference into this standard. Whichever is the date of the reference file, which is followed by all (Excluding corrigenda) or revisions do not apply to this standard, however, encourage the parties to reach an agreement under this standard Whether you can use the latest version of these files. For undated references, the latest edition applies to this standard. Terminology of electricians - Terminology - Welders GB/T

GB 15579.6-2008 Arc welding equipment - Part 6. Handmade metal arc welding power for restricted loads (IEC 60974-6..2003, IDT)

3 Terms and definitions

GB/T 2900.22 and GB 15579.6-2008 and the following terms and definitions apply to this

standard.

3.1 Limit the load of the arc welding power supply

limited duty manual metal arc welding power sources By the heat cut off the device action (disconnect, connected) to determine the working state of the welding power.

3.2 Manual metal arc welding machine manual metal arc welding machine The use of chemical welding electrode for manual welding operation of the welding machine.

3.3 AC arc welding machine AC arc welding machine A welding machine that uses welding arc heat to melt metal.

3.4 DC [electric] arc welding machine DC arc welding machine A welding machine that uses a DC arc heat to weld a metal.

3.5 Inverter type [electric] arc welding machine inverter arc welding machine Built-in DC/AC converter [electric] arc welding machine.

3.6 Inverter DC [electric] arc welding machine inverter DC arc welding machine Built-in DC/AC converter DC [electric] arc welding machine.

3.7 Inverting communication [electric] arc welding machine inverter AC arc welding machine Built-in DC/AC converter AC [electric] arc welding machine.

3.8 Plasma arc cutting machine plasma arc cutting machine A plasma arc is used as a cutting machine for cutting heat sources.

Appendix A (normative) Examples of product symbol codes 7

This standard replaces GB/T 10249-1988. This standard and GB/T 10249-1988 compared to the main changes are as follows:

--- Added terms and definitions;

--- increase the "reinforced electroslag welding machine", "friction stir welding machine", "welding robot" model requirements;

--- canceled the "cold press", "high frequency welding machine", "other welding machine" model requirements;

--- made editorial changes. Appendix A of this standard is a normative appendix. This standard is proposed by China Electrical Equipment Industry Association. This standard by the National Welding Machine Standardization Technical Committee (SAC/TC70) centralized. This standard drafting unit. Hangzhou Kelda Welding Machine Co., Ltd., Shenzhen Ruiling Industrial Co., Ltd., Zhejiang Ken was welding equipment Co., Ltd., Chengdu Sanfang Electric Co., Ltd., Shenzhen City Jia Shi Technology Development Co., Ltd., Chengdu Electrical Testing Institute. The main drafters of this standard. Chu Hua, Wang Shikai, Qiu Guang, Zhu Xuanhui, Yin Xianhua, Pan Lei, Wu Jiupeng, Xiao Bo, Zhang

Zuowen. This standard replaced the previous version of the standard release.

--- GB/T 10249-1988. Method of Compressor Model

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