

# 6ES7352-5AH11-0AE0

产品名称	6ES7352-5AH11-0AE0
公司名称	上海腾桦电气设备有限公司
价格	.00/个
规格参数	西门子:西门子 6ES7352-5AH11-0AE0:6ES7352-5AH11-0AE0 德国:德国
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## 产品详情

### SINAMICS SM120 Cabinet Modules

#### Superior Performance for Industrial Power Regeneration

#### General description

The SINAMICS SM120 CM (Cabinet Modules) with its multilevel Active Line Module is uniquely suitable for industrial power regeneration applications and ensures a superior performance while feeding energy into the grid. The SINAMICS SM120 CM is the best choice to fulfill the application specific requirements which range from the need to meet electric utility 's strict standards, to react fast in the event of line failures or to create an independent island network, since it provides linefriendly and gridcompliant behavior and enables island network and transformerless operations.

#### Features

##### Superior line performance

Due to its integrated Siemens patented M2C topology the drive provides a sinusoidal voltage waveform to the grid. The harmonics remain significantly below all worldwide commonly applied utility requirements. The SINAMICS SM120 CM complies with even the most demanding gridcode requirements, which allows smooth and effective integration into any grid while conventional regenerating drives cause harmonic currents and thus usually call for additional line filters. This is particularly important for weak and island networks to ensure robust operation.

##### Transformerless System Design

Especially for ship applications (e.g. shaft generators) the SINAMICS SM120 CM provides additional key

benefits. Depending on the grid and the drive input voltage, the multilevel Active Line Module can also operate directly connected to the power supply with a line reactor only. Such a transformerless system design saves space and weight, reduces cabling and requires no transformer monitoring. Moreover the system efficiency increases significantly.

Single Line diagram of the SINAMICS SM120 CM with a transformerless system design

## 优势

Line-friendly

Grid-compliant

Island network operation

Transformerless operation

## 应用

The Active Line Module of the SINAMICS SM120 Cabinet Module (CM) with its Modular Multilevel Converter (M2C) is ideal for applications such as:

Shaft generator/boosters

Generators in hydro power stations

Test bench drives

Ore conveyors

## 技术规范

Brief overview

Type of Module

Function

Power range

Active Line Module

Supply and regenerative feedback unit to feed the connected motor modules

Motor Module	Inverter for the connected motor
Braking Module	Central brake chopper as cost effective alternative to the active line modules when regenerative energy occurs
Recooling Module	Unit dissipates the power loss from the converter
Control Module	Unit controls and monitors the drive

## Drive Characteristics

The SINAMICS SM120 Cabinet Modules system features:

Active Line Module with industry-leading M2C (Modular Multilevel Converter) topology

Motor Module with most common and widely used 3-level NPC, optionally equipped with output reactor allowing cable length up to 1000 m

Control Module featured with SINAMICS platform-wide used components

Braking Module that allows controlled ramp down also in case of power supply failure (option)

Recooling Module with redundant pumps

Other modules for additional applications will be available at a later date.