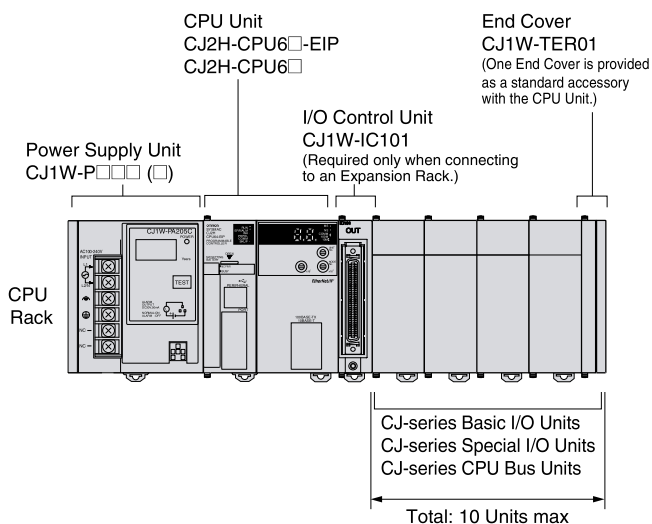


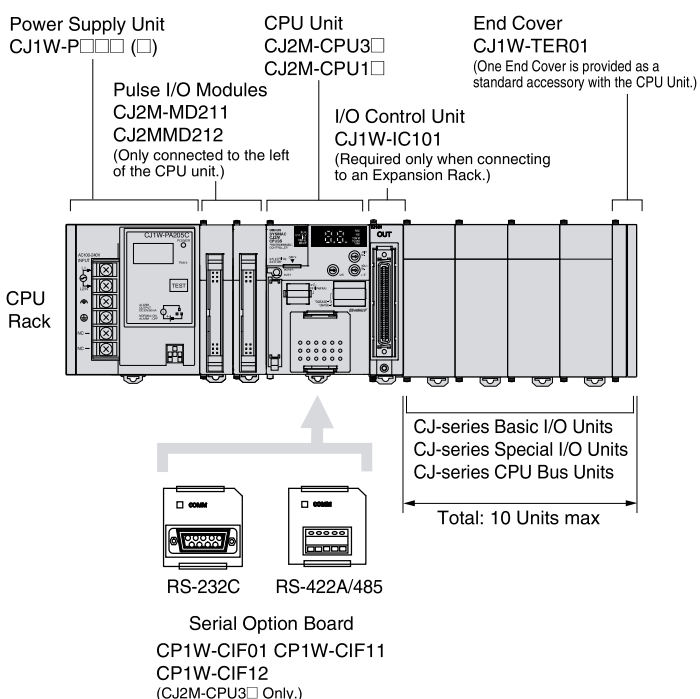
## ■ CJ-series CPU Racks

A CJ-series CPU Rack consists of a CPU Unit, Power Supply Unit, Configuration Units (Basic I/O Units, Special I/O Units, and CPU Bus Units), and an End Cover.

### CJ2H CPU Units



### CJ2M CPU Units



## ● Required Units

Rack	Unit name	Required number of Units
CPU Rack	Power Supply Unit	1
	CPU Unit	1
	Pulse I/O Modules	Required only for using Pulse I/O. Up to two Pulse I/O Modules can be connected to a CJ2M CPU Unit. They must be connected immediately to the left of the CPU Unit.
	Serial Option Board	One Serial Option Board can be mounted in the CJ2M-CPU3□.
	I/O Control Unit	Required only for mounting to an Expansion Rack. Mount the I/O Control Unit immediately to the right of the CPU Unit.
	Number of Configuration Units	10 max. (Same for all models of CPU Unit.) (The number of Basic I/O Units, Special I/O Units, and CPU Bus Units can be varied. The number does not include the I/O Control Unit.)
	End Cover	1 (Included with CPU Unit.)

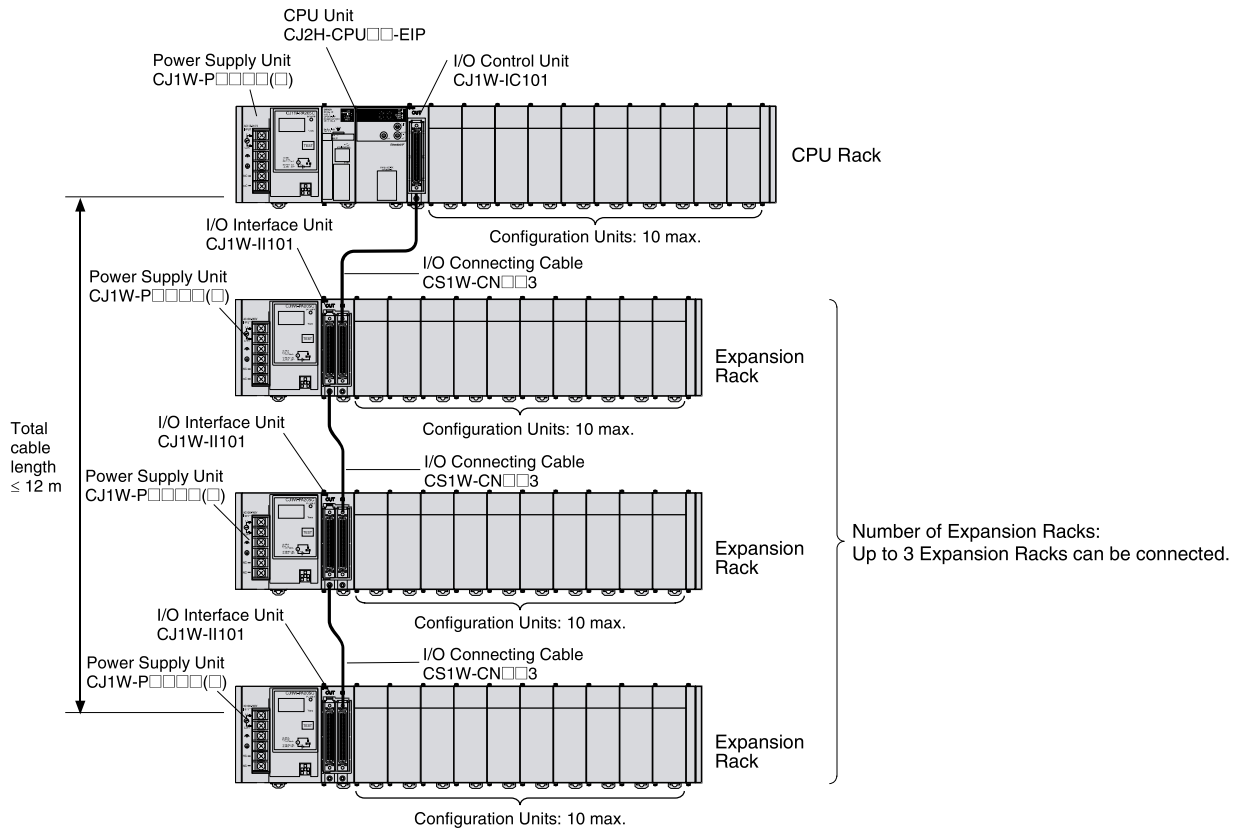
## ● Types of Units

In the CJ Series, Units are classified into the following three types. The number of Racks differs depending on the type.

Type	Appearance (example)	Description	Unit recognition method	Max. Units mountable per CPU Unit
Basic I/O Units		Units with contact inputs and contact outputs.	Recognized by the CPU Unit according to the position of the Rack and slot.	A maximum of 40 Units can be mounted.
Special I/O Units		Special I/O Units provide more advanced functions than do Basic I/O Units, including I/O other than contact inputs and contact outputs. Examples of Special I/O Units are Analog I/O Units and High-speed Counter Units. They differ from CPU Bus Units (including Network Communications Units) in having a smaller area for exchanging data with the CPU Unit.	Recognized by the CPU Unit according to the unit number (0 to 95) set with the rotary switches on the front panel.	A maximum of 40 Units can be connected. (Multiple unit numbers are allocated per Unit, depending on the model and settings.)
CPU Bus Units		CPU Bus Units exchange data with the CPU Unit via the CPU Bus. Examples of CPU Bus Units are Network Communications Units and Serial Communications Units. They differ from Special I/O Units in having a larger area for exchanging data with the CPU Unit.	Recognized by the CPU Unit according to the unit number (0 to F) set with the rotary switch on the front panel.	A maximum of 16 Units can be mounted.

## ■ CJ-series Expansion Racks

A CJ-series Expansion Rack consists of a Power Supply Unit, an I/O Interface Unit, Configuration Units (Basic I/O Units, Special I/O Units, and CPU Bus Units), and an End Cover.



### ● Required Units

Rack	Unit name	Required number of Units
CPU Rack	I/O Control Unit	One Unit. Required only when an Expansion Rack is used. Mount the I/O Control Unit immediately to the right of the CPU Unit. (See note 1.)
Expansion Rack	Power Supply Unit	One Unit
	I/O Interface Unit	One Unit. Mount the I/O Interface Unit immediately to the right of the Power Supply Unit. (See note 2.)
	Number of Configuration Units	Ten Units max. (The number of Basic I/O Units, Special I/O Units, and CPU Bus Units can be varied. This number does not include the I/O Interface Unit.)
	End Cover	One (Included with the I/O Interface Unit.)

**Note 1.** Mounting the I/O Control Unit in any other location may cause faulty operation.  
**Note 2.** Mounting the I/O Interface Unit in any other location may cause faulty operation.

### ● Maximum Number of Configuration Units That Can Be Mounted

CPU Unit	Model	Total Units	No. of Units on CPU Rack	No. of Expansion Racks
CJ2H	CJ2H-CPU68 (-EIP)	40	10 per Rack	3 Racks x 10 Units
	CJ2H-CPU67 (-EIP)			
	CJ2H-CPU66 (-EIP)			
	CJ2H-CPU65 (-EIP)			
	CJ2H-CPU64 (-EIP)			
CJ2M	CJ2M-CPU35	40	10 per Rack	3 Racks x 10 Units
	CJ2M-CPU34			
	CJ2M-CPU33			
	CJ2M-CPU32			
	CJ2M-CPU31			
	CJ2M-CPU15			
	CJ2M-CPU14			
	CJ2M-CPU13			
	CJ2M-CPU12			
	CJ2M-CPU11			

**Note:** It may not be possible to mount the maximum number of configuration Units depending on the specific Units that are mounted. Refer to the next page for details.