

April 2006

New Product Release

No.264E



Q61P Power Supply Module

New "Wide Range" 100 to 240VAC Power Supply Module!

Features

With previous power supply modules...

100 to 120VAC



Q61P-A1

200 to 240VAC



Q61P-A2

When using the Q61P...

100 to 240VAC



Q61P

- 1.** Use without awareness of input voltage now realized! Problems resulting from voltage input misses avoided!
- 2.** Conforms to SEMI-F47 standard (when input voltage is 200 V or higher)! (Compatible for use with semiconductor manufacturing equipment.)
- 3.** Offers interchangeability with existing Q61P-A1 and Q61-A2 models!
- 4.** Conforms to UL/cUL and CE standards!
- 5.** CPU module status monitored externally using ERR contacts!
- 6.** Conforms to RoHS directive!

Mitsubishi Electric Corporation Nagoya Works is a factory certified for ISO14001 (standards for environmental management systems) and ISO9001 (standards for quality assurance management systems)



Specifications

Item		Model	Q61P
Input	Rated input voltage		100 to 240VAC
	Variable input voltage range		85 to 264VAC (-15% to +10% of rated input voltage)
	Input frequency		50/60Hz±5%
	Allowable momentary power failure period		Within 20msec
	Inrush current		20A 8msec or lower
	Max. input apparent power		130VA or lower
	Efficiency		70% or higher
Output	ERR contact output		24VDC 0.5A
	Rated output current	5VDC	6.0A
		24VDC	—
	Overcurrent protection		6.6 to 7.9A
	Overvoltage protection		5.5 to 6.5V

Product list

Part name	Model	Model code
Q61P Power supply module	Q61P	1W4C11

Manual

Manual name	Manual supply status	IB/SH No.	Model code
QCPU User's Manual (Hardware Design, Maintenance and Inspection)	Sold separately	SH-080483ENG-E	13JR73
QCPU (Q mode) CPU Module User's Manual (Hardware)	Sold separately (Shipped with base unit)	IB-0800061-R	13JL96

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