



All-around Motor Drive Technology

Product series are fully upgraded to keep up with the newest trend of motor control methods

Vector Control Technology

Control core includes sensorless vector control technology which can precisely control motor without encoder. And besides that, using encoder pairs with Vector control technology can easily achieve the demand of fast speed response and accurate speed control. Meanwhile, it can also achieve simple position control and zero-speed control.

With static Auto-tuning, inverter can get the motor parameter or use dynamic Auto-tuning if you need more accurate system parameters. This technology can effectively decrease adjustment downtime and optimize the matching between motor and inverter.

Applications



6 in 1 Motor Control

	V/F Control	V/F Control+feedback*	Sensorless vector control	IM vector control*	PM Sensorless vector control	PM vector control*
Speed control range	1:40	1:120	1:120	1:1500	1:100	1:1500
Speed control accuracy	±3%	±0.02%	±0.2%	±0.02%	±0.2%	±0.02%
Speed response	3Hz	3Hz	>10Hz	>50Hz	>10Hz	>50Hz
Start torque	150% @ 3Hz	100% @ 0.5Hz	200% @ 1Hz	200% @ 0Hz	100% @ 2% rated speed	200% @ 0Hz

This table are affected by motor spec, control structure and characteristic. For reference only.

^{*}RM6G1e doesn't support encoder speed feedback.

High Compatible and Adaptable

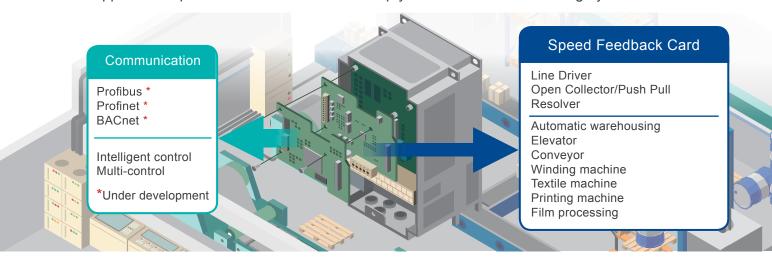
RM6G1 series offer various solutions which trustworthy

Normal Duty Mode and Heavy Duty Mode in One Inverter

You can set inverter to normal or heavy duty mode with parameters.

Multiple Communication Interfaces

Built-in RS-485 Modbus, the fastest communication speed is 115,200 bps. And besides that, it supports multiple communication cards to help you handle data and manage your machine.



Various Control Experience



PID Control



Built-in two-stage PID control function, including speed, pressure, flow, temperature control...etc. If inverter doesn't need any PID control, it can be shared with other machine to reduce cost.



S-curve Control



S-curve control can improve the comfortability and stability of elevator.



16 Sets Sequence Control



It can set up with some algorithms, such as cycle, count, direction, time to simplify the PLC setting.



KEB



When interruption of power supply occurred, KEB function will turn on and use motor's regeneration power to slow down motor frequency. This function can prevent yarn from breaking.





Built-in one set pulse input and output terminals to expand the scope of application.



Torque Control



This control method can keep tension stable, restraining the looseness and uneven of winding.

Safety Is Our First Priority

Safety is one of the most important function of inverters. Rhymebus never compromise

Functions for Reliability



- Built-in speed search function. When a power supply recovers, it can automatically start to reach to the original speed. Suitable for fan, blowing machine... etc.
- KEB: When inverter detects the interruption, it can automatically control the motor to stop without power supply. This function can avoid the motor in the free run situation and cause the equipment damage. Suitable for machine tools.



Built-in power and surge absorber can effectively reduce the damage done by high voltage surge.



Pair with various temperature sensor (PTC / NTC/ PT100/ RTD392/ KTY84), inverter can send waring or even stop machines when the motor is overheated.





Safety

In Line with International Standards

RM6G1 series complies UL, cUL(UL508c, CSA C22.2 NO.14-05), RoHS2.0 and REACH.

Safe Torque Off (STO)

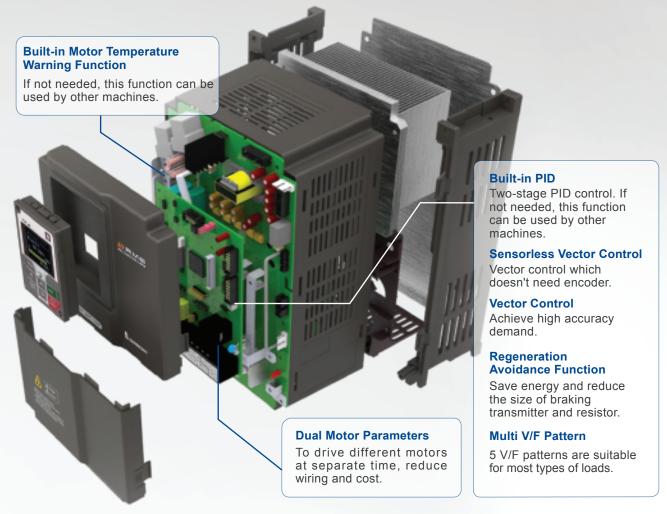
Built-in STO function constructs high safety system. In the meanwhile, it has safety switch output terminals, too.

Safety Function

Built-in safety functions, such as stall prevention, overvoltage suppression, over exciting braking, high slip braking, dynamic braking.

Inverter Not Only Saving Energy

Simplifying wiring, reducing space usage and cost



Enhanced Energy Saving - Power Regeneration

Replace braking resistor with RM6A6 (power regenerative unit) to regenerate regen-power of motor back to grid. Reduce the cost and heat of braking resistor and keep machine operation smooth and safe at the same time.

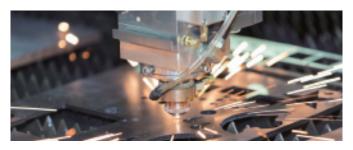


Suitable Machines: High inertia, four quadrant loads, rapidly deceleration and constant braking. For example, textile drafting machine, Plano machining center, elevator, lifting crane, stamping press machine and automatic warehous system.

Intelligent Parallel Operation: Automatically detect DC voltage level, capable of connecting multiple RM6A6 in parallel to match different motor spec without interfering operation.

High Speed Accuracy at Steady State

Speed deviation at steady state can be below 0.05%, which is suitable for automatic warehouse system, textile machine, metal sawing machine and servo injection molding machine.



100% load @ 133.3 Hz (2000RPM) ∆ Speed < 1.25 RPM +0.0065% -0.044% Time (S)

Motor: permanent magnet motor(20hp 8-pole) Control Condition: Sensorless

High Torque Output

Using sensorless vector control is able to achieve 200% rated torque at extreme low speed. Suitable for high starting torque or heavy-duty machine such as construction construction works machine, tunnel boring machine, air compressor, drilling machine, elevator or crane.

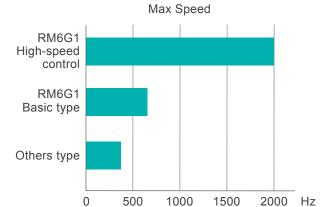


High speed response capability at heavy load changes

Motor: permanent magnet motor(20hp 8-pole) Control Condition: Sensorless

Swift Compensation of Speed at Changing Load

Motor speed will suddenly decrease as load increases, this reduces the quality of processing. With high speed response capability, inverter can drive motor back to the setting frequency in short time. Suitable for stamping press machine, air compressor, metal bandsaw machine and servo hydraulic system.



High Output Frequency

RM6G1 standard series can reach 600Hz, high speed series can reach 2000Hz. Suitable for high speed spindle, optical polishing and active magnetic bearing centrifugal compressor.



Intuitive Design

We listen our users's advices to help user find the shortcut they need

Keypad Evolution

LCD KP-602 supports full color LCD display and multiple languages. It can display text on the screen and can display full parameter name which will reduce the workload when adjusting parameters.

Parameters Grouping

To optimize parameter setting speed, we group parameters according to their functions.





PC Tool Optimize Management

Rhymebus PC tool uses Microsoft Windows as the main platform, which can manage and store parameters. Speed up maintenance process.

Bluetooth Control

With Bluetooth module and Android app, users can control inverters at dangerous field remotely.

Overall Factory Management

Predictive Maintenance

RM6G1 series can record 10 sets of error histories, each history can record up to 16 statuses which make problem solving easier. It can also set temperature warning level. Besides, in all series cooling fans can be controlled to run at starting or temperature setpoint.

Rich Operating Information

RM6G1 series offer lots of data during operation to help you manage the factory, including kWh accumulation value, energy usage, power factor and operation/electric supply time.





Model Number Scheme

					Model Number
Product Series					Rated current (normal duty)
RM6G1 RM6G1e		_			Input Power
Input Voltage	RM6G1e	_ 2	A005	B 3	1 : Single-phase 3 : Three-phase
2 : AC 200~240V 4 : AC 380~480V					Brake Type

B : Built-in braking transistor E : Without braking transistor

RM6G1e Specifications (3 in 1)

Model Ca (RM6G1e- □ A □		2A005B1	2A007B1	2A010B1	2A005B3	2A007B3	2A010B3	2A016B3	2A022B3	4A003B3	4A004B3	4A005B3	4A009B3	4A012B3			
Maximum Applicable Motor	Heavy duty	0.5 0.4		2 1.5	0.5 0.4	1 0.75	2 1.5	3 2.2	5 3.7	0.5 0.4	1 0.75	2 1.5	3 2.2	5 3.7			
(HP/kW)	Normal duty	1 0.75	2 1.5	3 2.2	1 0.75	2 1.5	3 2.2	5 3.7	7.5 5.5	1 0.75	2 1.5	3 2.2	5 3.7	7.5 5.5			
Rated Output Capacity	Heavy duty	1.1	1.9	3	1.1	1.9	3	4.2	6.5	1.1	1.9	3	4.6	6.9			
(kVA)	Normal duty	1.6	2.6	3.8	1.6	2.6	3.8	5.8	8.1	1.8	2.7	3.8	6.9	8.6			
Rated Output Current	Heavy duty	3	5	8	3	5	8	11	17	1.5	2.5	4	6	9			
(A)	Normal duty	4.2	6.8	10	4.2	6.8	10	15.2	21.3	2.4	3.5	5	9	11.3			
Maximum Output Voltage (V) Three-phase 200~240V(Correspond to input voltage)										Three-pha	ase 380~48	0V(Corresp	oond to inpu	ıt voltage)			
Range of Output (Hz)	Frequency		0.1~600.00Hz														
Power So (ø, V, H		Single-phase 200~240V Three-phase 200~240V Three-phase 380 50/60Hz 50/60Hz 50/60Hz										-phase 380 50/60Hz	~480V				
Input Current	Heavy duty	7	13.5	19	4	6	10	14	14 18 2		3.5	5	8	12			
(A)	Normal duty	9.7	18.1	18.1 23.8 5 8		12	18	25.2	2.8	4.2	6	12	13.4				
Permissible Al Source Fluc				17	0~264V 50	0/60Hz / ±	5%				323~528	3V 50/60H	z/±5%				
	Heavy duty					1509	6 of drive ra	ited output	current for	1 min							
Overload Protection	Normal duty					120%	of drive ra	ted output	current for	1 min							
Cooling T	уре	Natural	cooling	Fan cooling	Natural	cooling		Fan cooling	ı	Natural	cooling		Fan cooling	1			
Applicable Safety	Standards				·	JL508C, CS	SA C22.2 No	o.14-05, EN	l61800-3, E	- :N61800-5-	1						
Protective Structure IP20																	
Weigh (kg)	t	1.8	1.8	1.9	1.8	1.8	1.8	2.0	2.1	1.8	1.8	1.9	2.0	2.0			
Case Code Case1																	

RM6G1 Three-phase 200V Specifications

Model ((RM6G1-2A □		005	007	010	016	022	031	042	060	075	090	112	150	185	220	275	346	410	500	700	840
Maximum Applicable	Heavy duty	0.5	0.75	2 1.5	3 2.2	5	7.5 5.5	10 7.5	15 11	20	25 18.5	30 22	40	50 37	60 45	75 55	100 75	125 90	150 110	200	250 185
Motor (HP/kW)	Normal duty	0.75	2	3 2.2	5	7.5 5.5	10 7.5	15 11	20 15	25 18.5	30	40 30	50	60 45	75 55	100 75	125 90	150 110	175 132	250 185	300
Rated Output Capacity	Heavy duty	1.1	1.9	3	4.2	6.5	9.5	13	18	24	29	34	44	57	70	84	112	132	165	223	267
(kVA)	Normal duty	1.6	2.6	3.8	5.8	8.1	12	16	23	29	34	43	57	70	84	105	132	156	191	267	321
Rated Output Current	Heavy duty	3	5	8	11	17	25	33	46	63	75	90	115	150	185	220	295	346	432	585	700
(A)	Normal duty	4.2	6.8	10	15.2	21.3	31	42	60	75	90	112	150	185	220	275	346	410	500	700	840
Maximum Out (V)								Thre	ee-phas	e 200~2	40V (C	orrespo	nd to in	put volta	age)						
Range of Output (Hz			Three-phase 200~240V (Correspond to input voltage) 0.1~600.00Hz																		
Power S (ø, V,			Three-phase 200~240V 50/60Hz																		
Input Current	Heavy duty	5	6	10	14	18	30	40	60	72	86	103	132	183	211	240	280	330	405	550	660
(A)	Normal duty	6.1	8	12	18	25.2	41	56	68	86	103	128	183	211	240	280	330	385	470	660	792
Permissible a Source Flu										170~2	64V 50)/60Hz /	±5%								
Overload	Heavy duty								150%	of drive	rated ou	utput cu	rrent fo	r 1 min							
Protection	Normal duty								120%	of drive	rated or	utput cu	rrent fo	r 1 min							
Cooling	Туре	Nati coo										Fan c	ooling								
Applicable Safe	ty Standards							UL508	BC, CSA	C22.2	No.14-0	5, EN6	1800-3,	EN618	00-5-1						
Protective S	Structure						IP	20								IP	00 (IP20	OPTIC	N)		
Weig (kg		3.0	3.0	3.0	3.0	3.0	3.1	5.4	5.7	12.4	13.1	14.7	14.8	42.7	44.3	46.3	63.6	89	90	164	167
Case C	Code			Cas	se 2			Cas	se 3		Cas	e 4			Case 5		Case 6	Cas	se 7	Cas	se 8

RM6G1 Three-phase 400V Specifications

Model ((RM6G1-4A □		004	005	009	012	018	023	031	039	045	058	075	091	110	144	180	216	253	304	377	415	480	585	700	860	960
Maximum	Heavy duty	1	2	3	5	7.5	10	15	20		30	40	50	60	75		125		175	1.7	- 7	117	350		500	1.7
Applicable Motor		0.75	1.5	2.2	7.5	5.5	7.5	20	15 25	18.5	22 40	30 50	37 60	45 75	55 100	75 125	90		132		185 300			315 500		450 700
(HP/kW)	Normal duty	1.5	2.2	3.7	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90	110			- 7		250				500
Rated Output Capacity	Heavy duty	1.9	3	4.6	6.9	11	14	18	23	30	34	46	57	69	88	114	137	165	193	236	287	329	366	446	533	660
(kVA)	Normal duty	2.7	3.8	6.9	8.6	14	18	24	30	34	44	57	69	84	110	137	165	193	232	287	316	366	446	533	655	732
Rated Output Current	Heavy duty	2.5	4	6	9	14	18	24	30	39	45	61	75	91	115	150	180	216	253	310	377	432	480	585	700	866
(A)	Normal duty	3.5	5	9	11.3	18	23	31	39	45	58	75	91	110	144	180	216	253	304	377	415	480	585	700	860	960
Maximum Out (V)									Т	hree-p	hase	380~4	80V (Corres	spond	to inp	ut volt	age)								
Range of Outpu (Hz													0.1~6	00.001	Hz											
Power S (ø, V,											Thre	ee-pha	ase 38	0~480	OV 50)/60Hz										
Input Current	Heavy duty	3.5	5	8	12	16	22	28	43	47	52	74	86	105	136	155	181	202	217	288	355	401	440	540	650	806
(A)	Normal duty	4.2	6	12	13.4	20	26	44	47	52	66	86	105	132	162	181	202	217	282	355	385	440	540	627	800	900
Permissible a Source Flu											3	323~5	28V \$	50/60H	Hz / ±	5%										
Overload	Heavy duty									150	0% of	drive	rated (output	curre	nt for	1 min									
Protection	Normal duty									120	0% of	drive	rated (output	curre	nt for	1 min									
Cooling	Туре	Natural cooling												Fan c	ooling											
Applicable Safe	ty Standards								ULS	508C,	CSA (22.2	No.14-	-05, EI	N6180	0-3, E	N618	00-5-1								
Protective S	tructures						11	20											IP00	(IP20	OPTI	ON)				
Weig (kg)		3.0	3.0	3.0	3.0	3.0	3.1	5.6	5.7	5.8	12.8	12.9	15	15.3	44	45.5	46.4	64	64.5	95	97	159	163	164	217	272
Case C	ode			Case	2				Case (3		Cas	se 4		(Case !	5	Cas	se 6	Cas	se 7	(Case 8	3	Cas	se 9

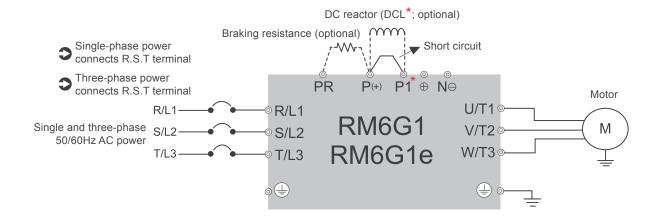
^{*}The weights of RM6G1 series in the standard specifications exclude ACL and DCL.

B General Specifications

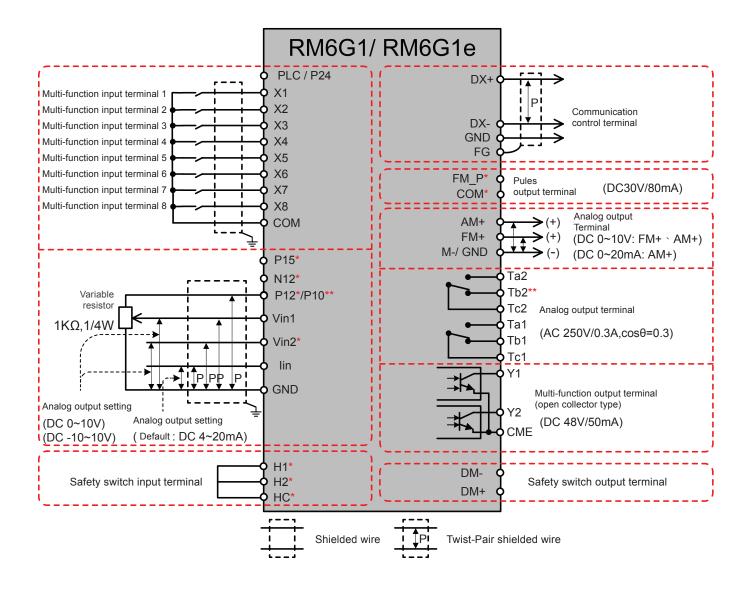
		-	e V//C anatural de DM a	and a second sec							
	Control n	nethod		sensorless vector control • IM sensorless vector control d feedback card* • PM vector control + speed feedback card*							
				speed feedback card*							
	Range of	frequency setting	0.01~600Hz								
	Resolutio	on of frequency setting	 RM6G1 Analog sig 	601A / KP602): 0.01Hz nal: 0.03Hz / 60Hz(11bit) gnal: 0.06Hz / 60Hz(10bit)							
	Resolutio	on of output frequency	0.01Hz								
	Frequenc	cy setting signal	-10~10V, 0~10V, 4~	20mA, Pulse input*							
	Overland	protostion	Heavy duty	150% of drive rated output current for 1 min. (Inverse time curve protection)							
	Overioad	protection	Normal duty	120% of drive rated output current for 1 min. (Inverse time curve protection)							
Control Characteristics	DC braki	ng	 DC braking frequer 	after stop/before start: 0~60.0sec ncy at stop: 0.1 ~ 60Hz ~150% of rated current							
Chara	Braking t	orque	Approximately 20% (with built-in braking resistor connected, braking torque is above 100%)							
cterist	Accelera	tion / deceleration time	• 0.1~3200.0sec or 0 • The setting of acce	.01~320.0sec leration/deceleration time can be adjusted from 0.01Hz to 600.00Hz.							
S	Stall prev	rention	Acceleration/consta Stall prevention wh	ant speed stall prevention (Current level 30~200%) en decelerate							
	Other fur	octions	auto-operation for instantaneous pov switch , parameter procedures contro frequency, holding S curve accelerati temperature displamaintenance infor limits detection fee	auto-torque compensation, auto-adjustment for output voltage stability, energy-saving, auto-adjustment of switching frequency, restart after ver failure, speed tracing, overload detection, acceleration/deceleration is copy, dynamic brake unit duty control,16 sections of operating I, kWh accumulation value, counter, timer, Modbus communication, jump frequency, upper and lower limits output frequency, 16 sections speed, on and deceleration, motor temperature display and protection, drive ay, cooling fan conotrol, pulse input/output*, password lock, predictive mation, error record, PID control (two-stage PID), upper and lower edback, Traverse for textile, switching parameter sets for 2 independent adjustment, torque limit, KEB function, Overvoltage suppress function.							
	Expansio	n card*	PG card (Line Driver	Open Collector)							
Ope		Multi-function inputs	8 sets programmable input terminals: X1~X8 RM6G1: X8 also has function of pulse input								
Operation Charac	Input	Analog inputs		C 0~10V or DC -10~+10V nA/2~10V or DC 0~20mA/0~10V							
Char		Simulate analog inputs	Vin3, Vin4 (the same	function as Vin1, Vin2*): set by parameters/communication							
	Output	Multi-function outputs	5 sets programmat2 sets programmat	ole output detecetion: Ta1-Tb1-Tc1, Ta2-Tb2**-Tc2, Y1-CME, Y2-CME, FM_P-COM* ole output detecetion: Y3, Y4 (detecetion function= Y1, Y2)							
eristics	Output	Analog outputs	• "FM+": DC 0~10V • "AM+": DC 0~10V	or DC 0~20mA/DC 4~20mA							
Display	LED keyp optional	oad (KP-601A)	Monitor the frequent status…etc.	cy of drive, voltage, current, drive temperature, motor temperature, terminal							
olay	LCD key	oad (KP-602)	Full-color display, mu	altiple languages and 8 descriptions of monitor modes are shown at the same time.							
Protections	Fault protection	Error trip messages of drive	drive over current (C (OL), drive overload copy (PAdF), input/o	, A/D converter error (AdEr), fuse open (SC), under voltage during operation (LE1), IC), grounding fault (GF), over voltage (OE), drive overheat (OH), motor overload (OL1), system overload (OL0), external fault (EF), keypad interruption during utput under-phase protection (IPLF/OPLF)							
ions	protection	Warning messages of drive	transistor over volta	r voltage (LE), drive output interruption (bb), coast to stop (Fr), dynamic brake ge (db), keypad cable trip before connecting (Err_00), keypad cable trip during irection command error (dFt), version copy error (FAult)							
	Atmosph	ere	Non-corrosive or non-conductive, or non-explosive gas or liquid, and non-dusty								
四	Surround	ing temperature	 Heavy duty: -10 °C (14 °F) ~ +50 °C (122 °F) (Non-freezing and non-condensing) Normal duty: -10 °C (14 °F) ~ +40 °C (104 °F) (Non-freezing and non-condensing) 								
Viror	Storage t	emperature	-20 °C (- 4 °F) ~ +70 °C (158 °F)								
Environment	Relative	humidity	90% RH or less (non	-condensing atmosphere)							
井	Vibration		Less than 5.9m/sec ²	(0.6G)							
	Altitude		Less than 1000m (32	280 ft.)							

^{*}Items not equipped with RM6G1e **Items not equipped with RM6G1

Main Circuit Terminal Wiring Diagram



Control Terminal Circuit Wiring Diagram



^{*}Items not equipped with RM6G1e

^{**}Items not equipped with RM6G1

Main Circuit Terminals

Symbol	Function	Description
R, S, (L1,L2)		Single-phase; sinusoidal power source input terminals
R, S, T (L1, L2, L3)	AC power source input terminals	Three-phase; sinusoidal power source input terminals
⊕ , N ⊖	DC power source input terminals*	External DC power source terminal (Models within 2A150 and within 4A110 have ⊕ terminal)
U, V, W (T1, T2, T3)	Drive outputs to motor terminals	Output three-phase variable frequency and voltage to motor
P(+), N ⊖	Dynamic brake unit terminals	The terminals can be connected to dynamic braking unit (option)
P(+), PR	External braking resistor terminals	The terminals can be connected to external brake resistor (option)
P(+), P1*	External reactor terminals	The terminal can be connected to DC reactor (DCL) for improving power factor. The original configuration is a jumper.
PE and	Grounding terminals	Ground the drive in compliance with the NEC standard or local electrical code

Control Terminals

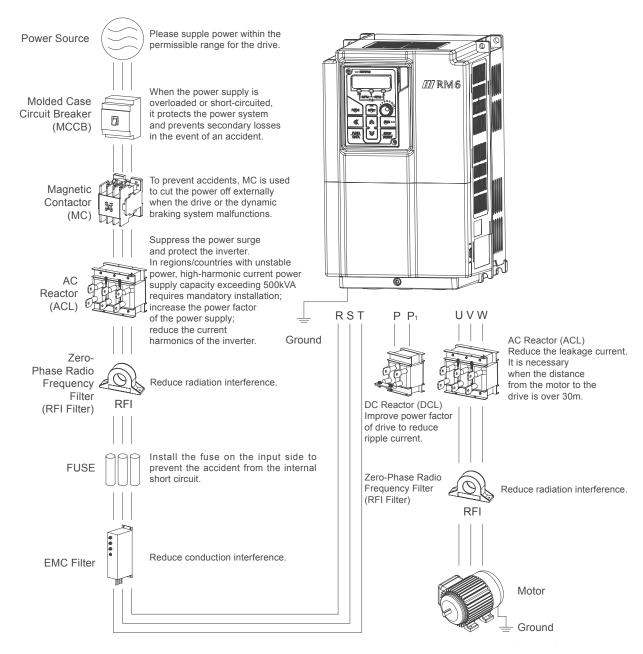
T	уре	Symbol	Function		Description									
		PLC/P24		Output DC+24V; Max	ximum supplied current is 100mA									
	Control Power	P12*/P10**	Power terminal for control device	Output DC+12V (RM	6G1e output DC+10V); Maximum supplied current is 20mA									
	ntro	N12*			ximum supplied current is 20mA									
	7 9	GND	Common of analog input terminals		r control power (P12 \ N12 \ P15) minals (Vin1/ Vin2/ lin)									
		X1	Multi-function input terminal 1	 Set the function at Default setting: For 										
		X2	Multi-function input terminal 2	 Set the function at Default setting: Re 										
		Х3	Multi-function input terminal 3	Set the function at Default setting: Jog										
		X4	Multi-function input terminal 4	Set the function at Default setting: Ext	H1-03. ternal fault command									
	Input Terminals	X5	Multi-function input terminal 5	Set the function at H1-04. Default setting: Reset command										
	Term	X6	Multi-function input terminal 6	Set the function at H1-05. Default setting: Disable										
	inals	X7	Multi-function input terminal 7	 Set the function at Default setting: Dis 										
Con		X8	Multi-function input terminal 8	 Set the function at Default setting: Dis 										
Control Circuit Terminal		COM	Common of digital input terminals	 Common of input control terminal (X1~X8) Control power (PLC), pulse input signal (FM_P) 										
吕		Vin1	Analog input terminal 1	● Input range DC 0~	10V or DC -10∼10V, input impedance 20kΩ									
Ĕ		Vin2*	Analog input terminal 2	Selective function of DIP switch-SW2: Thermistor or external voltage signal										
ъ		lin	Analog input terminal 3	Selective function of DIP switch-SW1: Current signal or voltage signal										
rmin		FM_P*	Pulse output signal terminal	NPN open collecto Default setting: Ou	r isolated output: Maximum value: 30vDC/80mA. tput frequency									
<u> </u>		AM +	Analog output terminal 1	· · · · ·	gnal-JP4: Current signal or voltage signal									
		FM +	Analog output terminal 2	 Set the function at Default setting: Ou 										
		M -*/GND	Common of analog output terminals	Common of analog	·									
	0	Ta1		Capacity:	Set the function at H2-04. Default setting: Error detection									
	utpu.	Tb1		AC 250V, 0.5A Max, cos θ =0.3	Set the function at H2-04. Default setting: Error detection									
	t Te	Tc1	Multi-function output terminals		● Common of Ta1, Tb1 terminals									
	Output Terminals	Ta2	(relay type)	Capacity:	Set the function at H2-05. Default setting: Detection during operation									
	SIE	Tb2**		AC 250V, 0.5A Max, cos θ =0.3	Set the function at H2-05. Default setting: Detection during operation									
		Tc2			Ta2 common terminal									
		Y1		_	Set the function at H2-00. Default setting: Zero speed detection									
		Y2	Multi-function output terminals (open collector type)	Capacity: DC 48V, 50mA Max	Set the function at H2-01. Default setting: Zero speed detection									
		CME		● Common of Y1, Y2 terminals										

Communication Control Terminals

Type	Symbol	Function	Description
ဂ္ဂ	DX +	MODBUS	With HMI/NB to control the inverter
<u>ē</u> ĭ	DX -	Communication terminals	Communication protocol: Modbus (interface: RS-485)
igi, m	GND	Common terminals of communication terminals	• Terminal resistor switch-DSW1, terminal resistor=120 Ω
Communication terminals	FG	MODBUS Communication terminal	Grounding terminal of shielding wire

^{*}Items not equipped with RM6G1e **Items not equipped with RM6G1

Peripheral Equipment of Drive



ACL Installation Guide:

RST input side:

- When the power capacity is over 500 kVA or 10 times larger than the rated capacity of drive.
- When the heater (with the SCR), air compressor, high frequency equipment or welding machine is installed at the same power source system, the harmonic current will interfere the drive.

UVW output side:

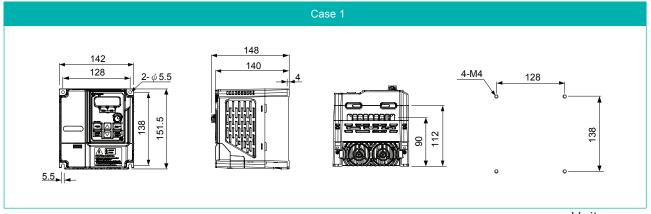
• Cable length between the drive and the motor is over 30 meters or multiple motors are used in parallel.

RM6G1 series: ACL is standard equipment. 200V: 2A346E3 and above; 400V: 4A180E3 and above.

DCL standard configuration. 200V: 2A700E3 and above; 400V: 4A304E3 and above.

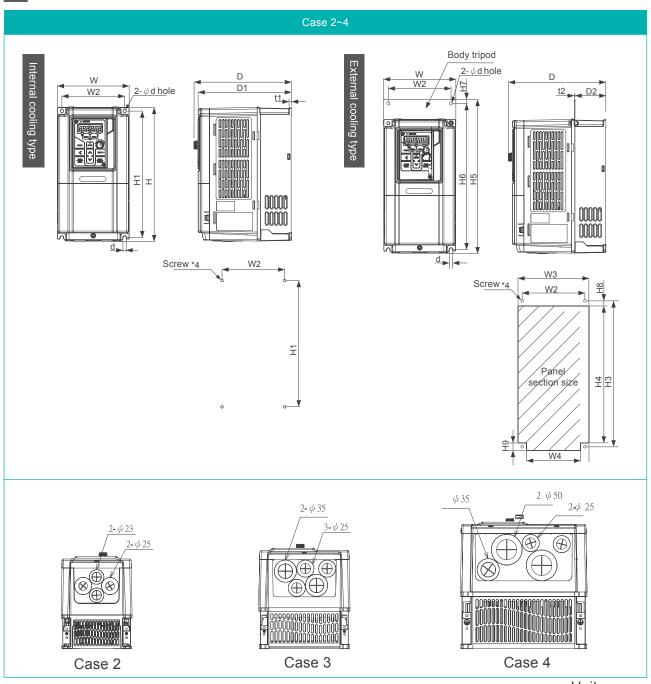
Note: For detailed matching equipment selection.

RM6G1e Dimensions

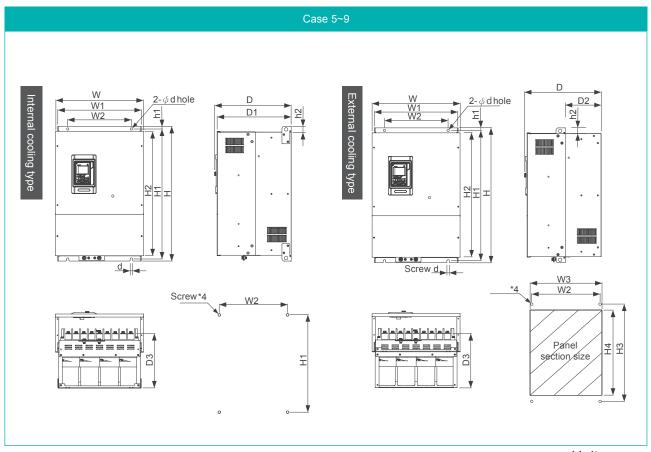


Unit: mm

RM6G1 Dimensions



Unit: mm



Unit: mm

RM6G1 Dimensions

0	type											ı	Dime	ensio	n (m	m)											Screw
Case	200V	400V	W	W1	W2	W3	W4	Н	H1	H2	НЗ	H4	H5	Н6	H7	Н8	Н9	h1	h2	t1	t2	D	D1	D2	D3	d	(mm)
CASE2	005~ 031	004~ 023	140	-	122	138.5	105	260	246	-	284	267	300	284	8	10	14.5	-	-	4.7	1.2	190	182	60	-	6	M5
CASE3	042~ 060	031~ 045	180	-	162	178.5	149	290	277	-	313	290	329	313	8	10	20	-	-	9	1.6	207	199	74	-	6.5	M5
CASE4	075~ 150	058~ 110	250	-	230	248.5	212	400	380	-	427	396	448	427	10	11.5	29	-	-	9.5	2	258	250	103	-	9	M8
CASE5	185~ 275	144~ 216	386	361	275	365	-	584	562	539	564	545	-	-	-	-	-	11	25	-	-	331	323	155	242	10	M8
CASE6	346	253~ 304	446	418	275	427	-	685	660	630	662	634	-	-	-	-	-	14	30	-	-	334	326	163	246	12	M10
CASE7	410~ 500	377~ 415	508	479	275	487	-	818	785	751	788	758	-	-	-	-	-	19	35	-	-	374	366	183	257	15	M12
CASE8	700~ 840	480~ 700	696	654	580	657	-	1000	974	929	978	936	-	-	-	-	-	15	39	-	-	413	405	182	294	15	M12
CASE9	-	860~ 960	992	954	710	958	-	1030	1003	963	1007	968	-	-	-	-	-	15	39	-	-	427	419	185	308	15	M12

More product detial information, please scane the QR-code to download operation manual.



Green Tech

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Formosa Sika Deer, an endemic species in Taiwan. Once, they were critically endangered. Fortunately a success restoration has been achieved in southern Taiwan during 1994. Now, the Formosa Sika Deer should live prosperous on the Formosa Island for every spring to come.

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