

3.5 Type designation key

The type designation contains information on the inverter. The user can find the type designation on the type designation label attached to the inverter or the simple name plate.

GD200A-011G/015P-4

A
B
C
D
E
F

Fig 3-4 Product type

Key	Instructions	
A	GD200A : abbreviation of Goodrive200A	
B, D	3-digit code: output power. "R" means the decimal point; "011":11kW; "015":15kW	
C, E	C	G:Constant torque load
	E	P:Variable torque load
F	Input voltage degree: 2: AC 3PH 220V(-15%)~240V(+10%) 4: AC 3PH 380V(-15%)~ 440V(+10%) 6: AC 3PH 520V(-15%)~690V(+10%)	

3.6 Rated specifications

Model	Constant torque			Variable torque		
	Output power (kW)	Input current (A)	Output current (A)	Output power (kW)	Input current (A)	Output current (A)
GD200A-0R7G-4	0.75	3.4	2.5			
GD200A-1R5G-4	1.5	5.0	3.7			
GD200A-2R2G-4	2.2	5.8	5			
GD200A-004G/5R5P-4	4	13.5	9.5	5.5	19.5	14
GD200A-5R5G/7R5P-4	5.5	19.5	14	7.5	25	18.5
GD200A-7R5G/011P-4	7.5	25	18.5	11	32	25
GD200A-011G/015P-4	11	32	25	15	40	32
GD200A-015G/018P-4	15	40	32	18.5	47	38
GD200A-018G/022P-4	18.5	47	38	22	56	45
GD200A-022G/030P-4	22	56	45	30	70	60
GD200A-030G/037P-4	30	70	60	37	80	75
GD200A-037G/045P-4	37	80	75	45	94	92
GD200A-045G/055P-4	45	94	92	55	128	115
GD200A-055G/075P-4	55	128	115	75	160	150
GD200A-075G/090P-4	75	160	150	90	190	180
GD200A-090G/110P-4	90	190	180	110	225	215
GD200A-110G/132P-4	110	225	215	132	265	260

Model	Constant torque			Variable torque		
	Output power (kW)	Input current (A)	Output current (A)	Output power (kW)	Input current (A)	Output current (A)
GD200A -132G/160P-4	132	265	260	160	310	305
GD200A -160G/185P-4	160	310	305	185	345	340
GD200A -185G/200P-4	185	345	340	200	385	380
GD200A -200G/220P-4	200	385	380	220	430	425
GD200A -220G/250P-4	220	430	425	250	485	480
GD200A -250G/280P-4	250	485	480	280	545	530
GD200A -280G/315P-4	280	545	530	315	610	600
GD200A -315G/350P-4	315	610	600	350	625	650
GD200A -350G/400P-4	350	625	650	400	715	720
GD200A -400G-4	400	715	720			
GD200A -500G-4	500	890	860			

Note:

1. The input current of 1.5~315kW inverters is measured when the input voltage is 380V and no DC reactor and input/output reactor.
2. The input current of 350~500kW inverters is measured when the input voltage is 380V and the circuit is with input reactor.
3. The rated output current is defined as the output current when the output voltage is 380V.
4. In the allowable voltage range, the output power and current can not exceed the rated output power and current in any situation.

3.7 Structure diagram

Below is the layout figure of the inverter (take the inverter of 30kW as the example).

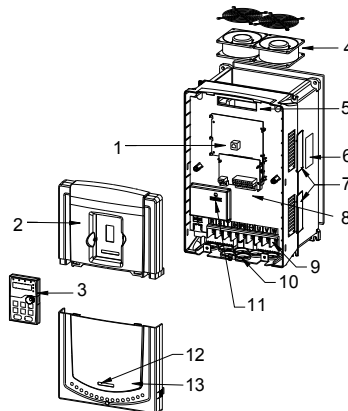


Fig 3-5 Product structure diagram