



VFD EXPERT SINCE 2014

ROHS CE

0.4KW~500KW
VECTOR FREQUENCY INVERTER



H600 SERIES HIGH PERFORMANCE VECTOR FREQUENCY INVERTER

www.vector-inverter.com
www.fmz-industry.com

◎ H600 Series Universal Vector Frequency Inverter

H600 series universal Vector frequency Inverter adopts advanced flux vector control algorithm, full frequency high torque output, quick response, good load adaptability, high speed control precision. It can meet the application requirements of different fields.



Textile



Papermaking



Chemical Industry



Compressor



Plastic Machinery

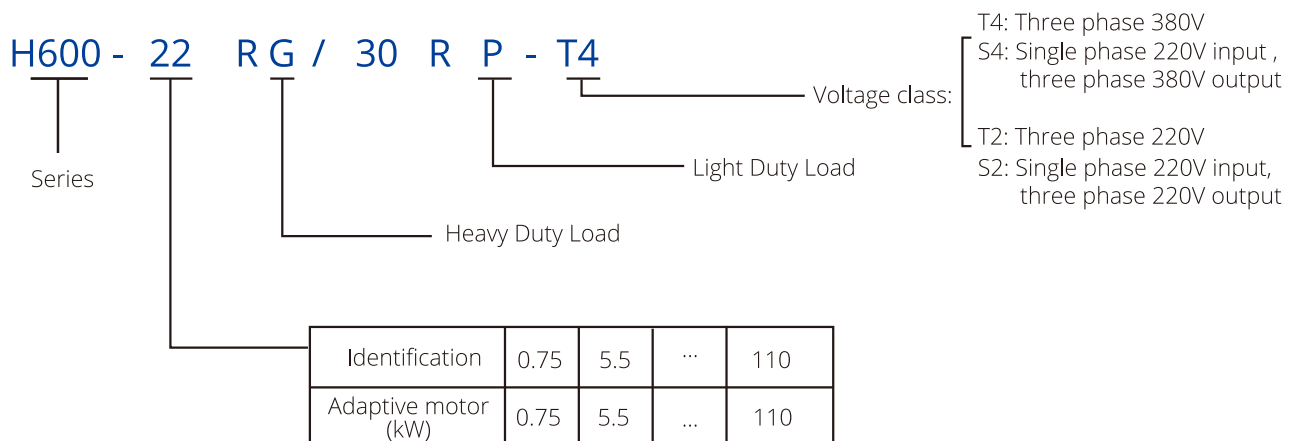


Metallurgy

◎ Product Characteristics

4 control modes	<ul style="list-style-type: none"> • V/F control, advanced V/F control • Separated V/F control, current vector control 	Ultra-low noise	<ul style="list-style-type: none"> • The carrier frequency is adjustable between 1 and 16 KHZ
High operating frequency	<ul style="list-style-type: none"> • Up to 3000Hz 	Control protection	<ul style="list-style-type: none"> • Timely and reliable
Excellent torque output	<ul style="list-style-type: none"> • V/F control, 150% torque at 30Hz • Current vector control, 180% torque at 0.5Hz 	High overload capacity	<ul style="list-style-type: none"> • 150% rated torque sustainable 60s

◎ Product Model Introduction



Product Structure And Mounting Size

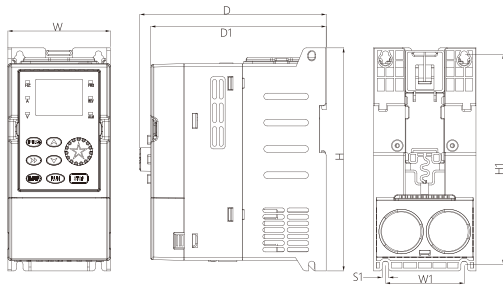


Figure1:H600-0R4G-S2~1R5G
H600-0R7G-T4~2R2G

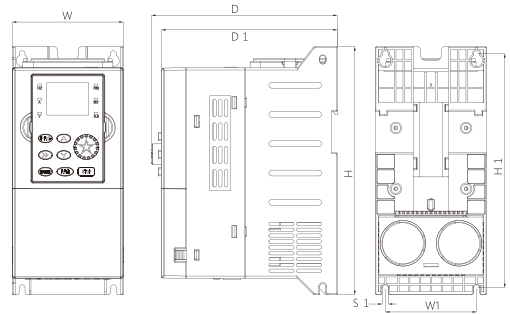


Figure2:H600-2R2G-S2-T4
H600-4R0G/5R5P-T4~5R5G/7R5P-T4

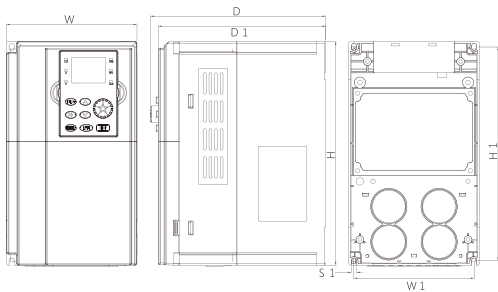


Figure3: H600-7R5G/11RP-T4~H600-11RG/15RP-T4

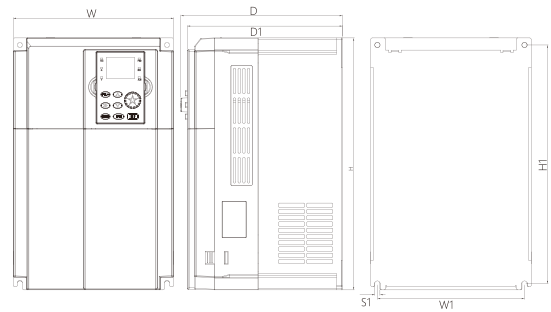


Figure4: H600-15RG/18RP-T4~30RG-T4

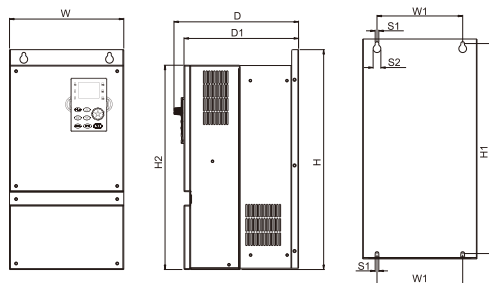


Figure5:H600-30RG/37RP-T4~37RG/45RP-T4

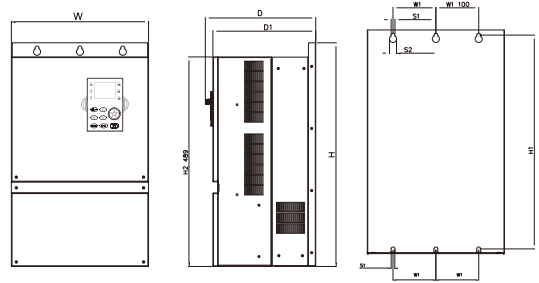


Figure6:H600-45RG/55RP-T4~55RG/75RP-T4

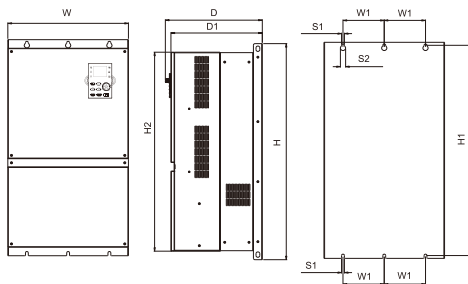


Figure7:H600-75RG/90RP-T4~132RG/160RP-T4

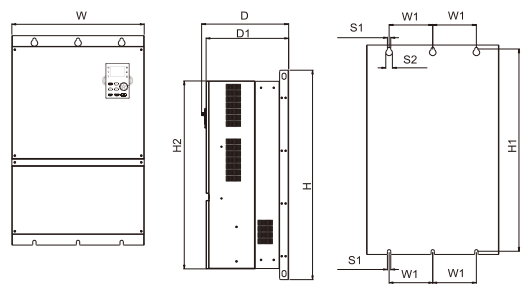


Figure8:H600-160RG/185RP-T4~200RG/220RP-T4

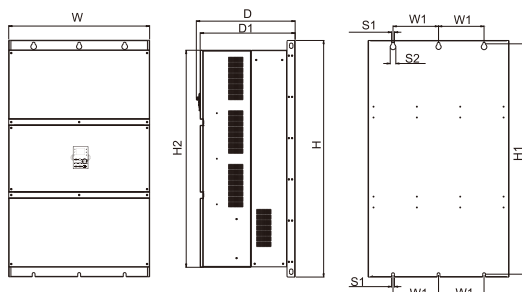


Figure9:H600-220RG/250RP-T4~315RG/350RP-T4

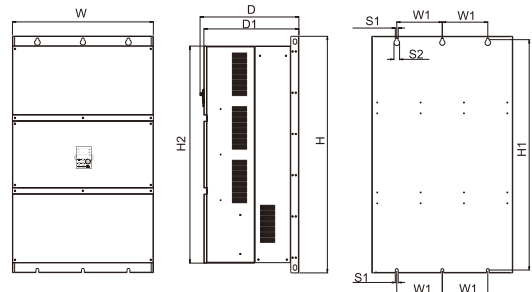


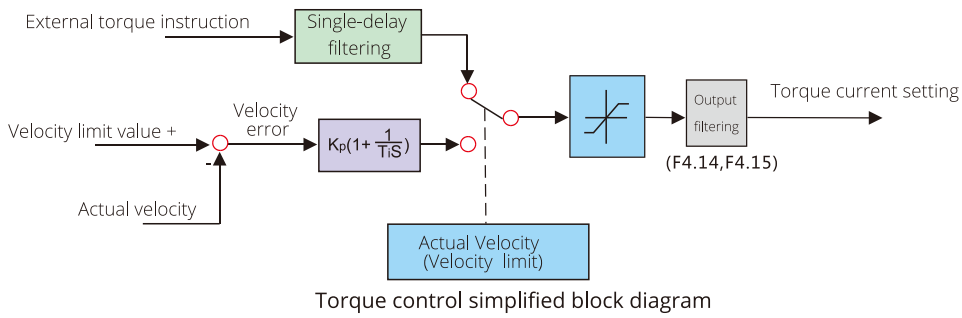
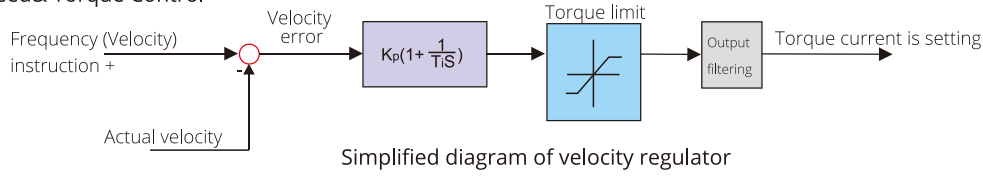
Figure10:H600-350RG/375RP-T4~450RG/500RP-T4

Product Specifications And Models

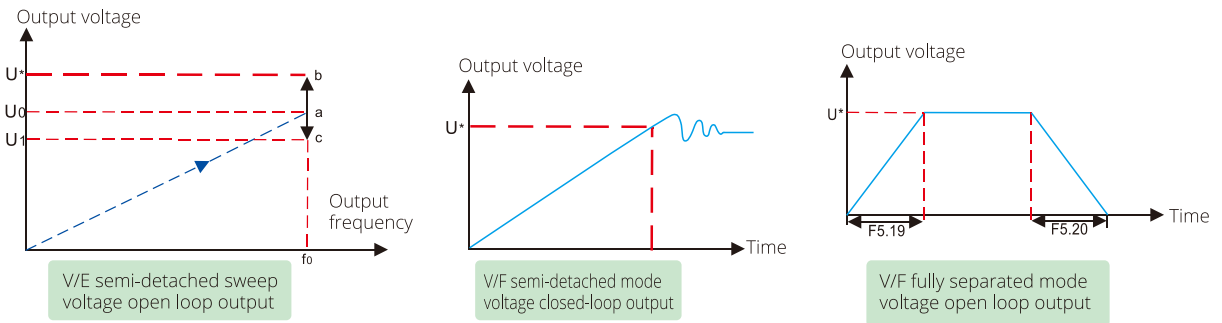
Model	Input voltage	Rated power(KW)	Rated input current (A)	G.W(KG)
H600-0R4G-S2	Single-phase Three phase 220v	0.4	2.4	1.5
H600-0R7G-S2		0.75	4.5	
H600-1R5G-S2		1.5	7	
H600-0R7G-T4		2.2	10	2.6
H600-1R5G-T4	Three phase input, Three phase output 380v	0.75	2.5	1.5
H600-2R2G-T4		1.5	3.7	
H600-2R2G-S2		2.2	5.5	
H600-4R0G/5R5P-T4		3.7/5.5	9/13	2.6
H600-5R5G/7R5P-T4		5.5/7.5	13/17	
H600-7R5G/11RP-T4		7.5/11	17/25	4
H600-11RG/15RP-T4		11/15	25/32	
H600-15RG/18RP-T4		15/18.5	32/37	6.8
H600-18RG/22RP-T4		18.5/22	37/45	
H600-22RG/30RP-T4		22/30	45/60	7.3
H600-30RG-T4		30	60	
H600-30RG/37RP-T4		30/37	60/75	17.3
H600-37RG/45RP-T4		37/45	75/90	
H600-45RG/55RP-T4		45/55	90/110	27.5
H600-55RG/75RP-T4		55/75	110/150	
H600-75RG/90RP-T4		75/90	150/176	62
H600-90RG/110RP-T4		90/110	176/210	63
H600-110RG/132RP-T4		110/132	210/253	
H600-132RG/160RP-T4		132/160	253/300	
H600-160RG/185RP-T4		160/185	300/340	100
H600-185RG/200RP-T4		185/200	340/380	
H600-200RG/220RP-T4		200/220	380/420	
H600-220RG/250RP-T4		220	420	200
H600-250RG/280RP-T4		250	470	
H600-280RG/315RP-T4		280	520	
H600-315RG/350RP-T4		315	600	203
H600-350RG/375RP-T4		350	640	235
H600-375RG/400RP-T4	375	700		
H600-400RG/450RP-T4	400	750		
H600-450RG/500RP-T4	450	820	257	

⦿ H600 Series Universal Vector Frequency Inverter

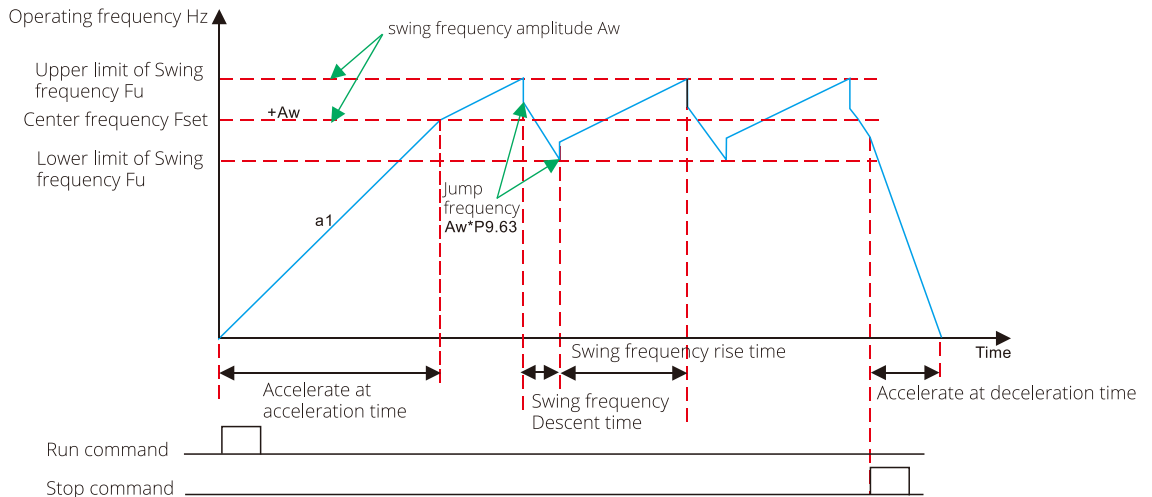
◆ Speed & Torque Control



◆ Separated V/F control



◆ Swing frequency control



Swing frequency control is suitable for textile, chemical fiber and other industries, and the need for transverse movement, winding function.

① APPLICATIONS OF H600 SERIES HIGH PERFORMANCE VECTOR FREQUENCY INVERTER



Packing Machine



High power motor



Blowing Machine



Textile machine



CNC machine tool



Amery wheel grinding machine



Paper industry



Industrial energy saving



Air compressor



Music fountain



Fire Industry



Motor



Screw air compressor



Wire-drawing machine



Circular swing machine



Band conveyor

Run Wiring Diagram

