Yolico





Detailed Work Makes Quality
Our Quality Equals Perfection

YOLICO ELECTRIC CO., LTD.

Ln.516, Sec.1, Wanshou Rd., Guishan Dist. Taoyuan City Taiwan TEL: +886-2-82005898 · FAX: +886-2-82005899

www.yolico.com.tw • E-mail: info@yolico.com.tw



YD5000Heavy Duty Flux Vector Inverter





YD5000 General Functions

Friendly easy Operation

Parameters can be selected easily by logic groups

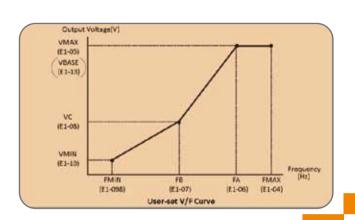
Dynamic Self-Study Mode

Self-Study Mode works at vector control Inverter can be set with details of motor nameplate



Various V/f Curve Setting

There are totally 15 preset V/f curves setting and 1 adjustable V/f curve setting can be selected, such as High Starting Torque Curve, Variable Torque Curve, High Speed Operation. They can match different kind of loadings, also Uer-set V/f curve can work at PG Vector Control Mode as Well.



Various Frequency Command Given

Multi-Channel Analog Input Given

2 off Voltage Signal Input Channel: 0~10VDC or 0~+/- 10VDC (motor reverse with negative input)
1 off Current Signal Input Channel: 0(4)~20mA (voltage signal input available by parameter setting)

Setting Frequency Command by Digital Operator Communication Command

Monitor Function

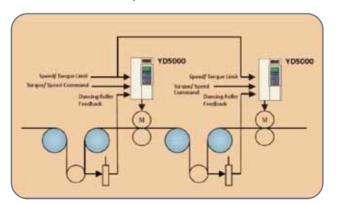
The following items can be monitored with the Digital Operator. Frequency Command, Output Frequency, Output Current, Motor Speed, Output Voltage, Main Circuit DC Voltage, Output Power, Torque Command, Input Terminal Status, Operating Status, Speed Deviation, PID feedback Value, Fault History, and so on.

PID Control Function

PID Control Function may through controlling the Rotational Speed of motor to achieve the controlled Process Quantity as the Target, this process Quantity may be Temperature, Flow, Pressure, Speed, and so on.

The purpose of PID control is making the Process Quantity Stabilizing as the Target (setting) value. The PID control with Feedforward Speed setting Function is comprehensive used in Synchrunization or Winder / Unwinder Control System.

The Given Command and Feedback Quantity decide the output Frequency of the Inverter.



PID Control Function

Over Load, Over Current, Over Voltage, Over Torque, Low Voltage, Phase Loss, Ground Fault, and so on. To make equipment operated properly.

Energy Saving Control

Automatically adjust output voltage according to loading at vector control in order to give better performance when motor operates on different load.

It improves motor efficiency then saves energy.

Option Card

Profibus Card

PG Feedback Card

Option Card for Extruder Application

Voltage & Current Converter Card

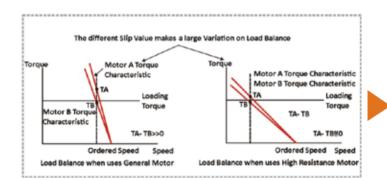
2

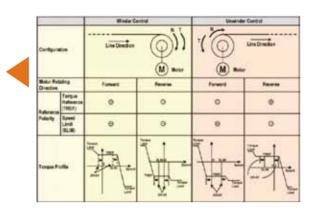


YD5000 The Unique Function with PG Flux Vector Control

Four Quadrants Operation

The Torque Direction could be opposite with Motor Speed Direction such as the process of lift running down with Heavy Load, Unwinding Process, etc.





DROOP Control Function

It allows user to set the Motor Slip Value, when Arigidity Load is Operated with two motors (such as a Crane / Conveyor). Also, it is easy to make adjustment watching the Load Balance, because the value of Slip can be set arbitrarily.

ECO-Friendly - Better Designing for Better Environment

High Harmonic Solution

DC Reactor Built-in for YD5000 18.5~630kW, to reduce high harmoni AC Reactor is optional for 1.5~630kW if needed

Low Audio Noise

The Output Circuit of the Inverter is an IGBT (Insulated Gate Bipolar Transistor). Using Sine-Wave PWM with a High-Carrier Frequency, the motor not generate Metallic Audio Noise. The Motor Audio Noise is almost as the same as Grid Power Supply, when motor is drived by Inverter.

Torque

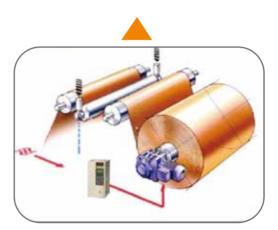
For all Winding Device, the Accelerating and Decelerating Torque will be varied by the Load Situation. For the Central Winding System, the requiring Torque will be varied following the diameter of Spool Piece. What do you need is a Device which can precisely Control the Output Torque in Torque Control Mode. Using the Torque Control Function of YD5000 series Inverter can solve this problem easier.

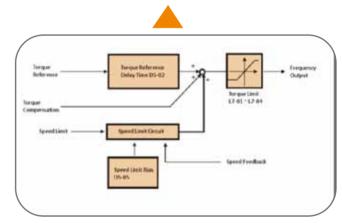
Take an example: The tip of Winding Operation is Controlling the Tension of Winding Material. For keeping the constant Tangential Tensile Strength in the different Line Speed or Rotating Diamemter Situation, the Inverter must follow the Torque Reference in a huge range.

Torque Control Function

In the Torque Control, the Motor output the Torque accords to the Torque Command by the Analog Input. In according to reach the Output Torque, Inverter will not control the Motor Speed, the Output Frequency will be Increased / Decreased by Inverter Automatically.

To avoid the Motor Over Speeding and the Load Torque lose seddenly, we suggest to use Speed Limit Function.





Torque Improvement

In PG Sensorless Control, using the Torque Compensation in order to make early response to Torque Command when Start the motor. It helps the Heavy Frictional Load Application which requires the Starting Torque, such as Traveling / Hoisting / Lifting, and so on.

Zero Servo Control Function

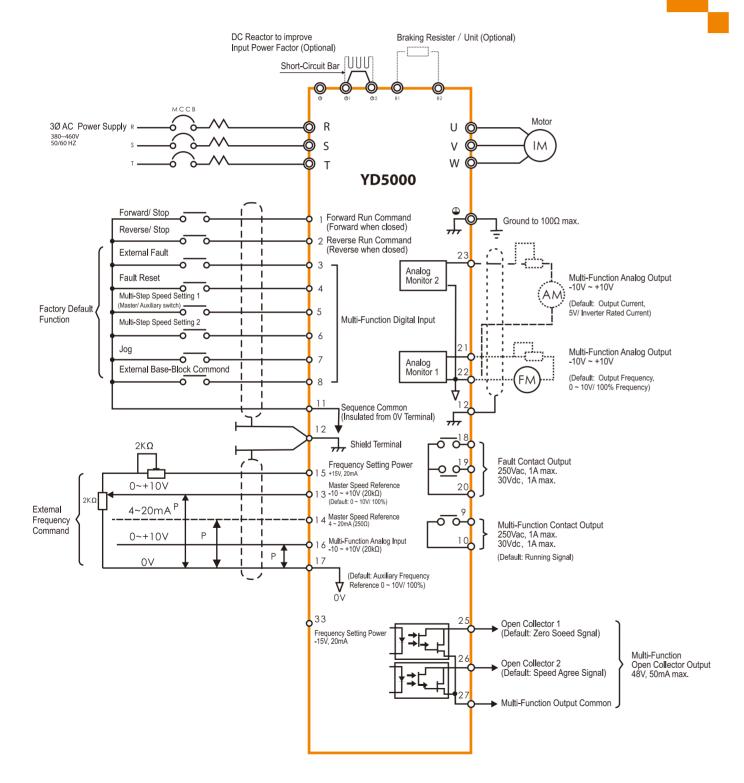
It helps motor can output 100% holding Torque at 0 speed. It sufficient guarantee the positioning ability of Device when in Stopping Situation.

YD5000 Connection Example (Diagram)

Please follow the Diagram making a Wire Connection

When using the Digital Operator the Motor can be energted by wirin

When using the Digital Operator, the Motor can be operated by wiring only the Main Circuit



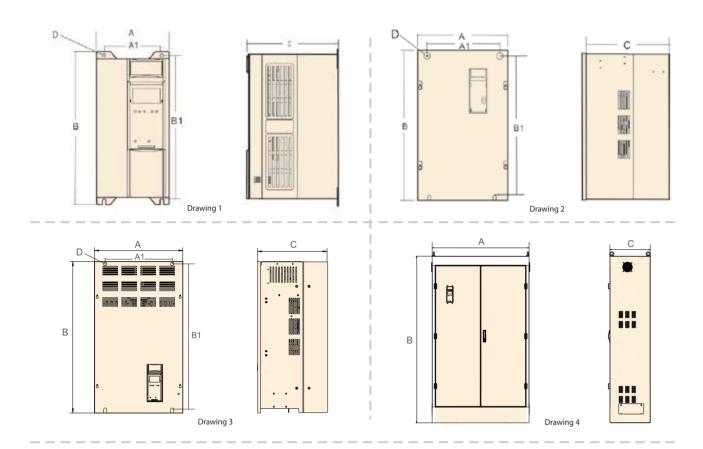


YD5000 Standard Specification

Capacity (kVA) 3.7 4.7 6.1 11 14 21 26 31 37 50 61 73 98 130 140 170 200 230 260 300 340 380 430 460 4 Rated Ouput Current (A) 4.8 6.2 8 14 18 27 34 41 48 65 80 96 128 165 180 224 260 302 340 380 450 470 530 605 6 Max. Output Voltage(V) 30 380 400 415 460V(Proportional to Input Voltage) Rated Ouput Equency Up to 400Hz (Available by Programming) Voltage, Frequency 10 140 140 140 140 140 140 140 140 140	355 400 490 519 695 788	585	500 630 650 780 986 1185					
Max. Output Voltage(V) 30 380/ 400/ 415/ 460V(Proportional to Input Voltage)								
Max. Output Voltage(V) Rated Output Frequency Voltage, Frequency Voltage, Frequency Allowable Voltage Fluctuation Allowable Frequency Allowable Voltage Fluctuation Control Method Torque Characteristic Speed Control Range Speed Control Range Speed Control Range Torque Control Accuracy Frequency Control Range Frequency	788	890	986 1185					
Rated Output Frequency Voltage, Frequency Allowable Voltage Fluctuation Allowable Frequency Allowable Frequency Allowable Frequency Allowable Frequency Allowable Frequency Fluctuation Control Method Torque Characteristic Speed Control Range Speed Control Range Speed Control Response Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) Torque Control Accuracy Frequency Control Range Frequency Setting Robert Frequency Setting Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Duptut Frequency Resolution Output Frequency Resolution Output Frequency Setting Signal Analog -10 ~ +10V, 0 ~ 10V, 4-20mA Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Stops at approx 200% of Rated Output Current Stops at approx 200% of Rated Output Current Stops at approx 200% of Rated Output Current								
Voltage, Frequency Allowable Voltage Fluctuation Allowable Frequency Fluctuation Allowable Frequency Fluctuation Allowable Frequency Fluctuation Control Method Current Flux Vector, Sine Wave PWM Torque Characteristic Speed Control Range Speed Control Range Speed Control Accuracy Speed Control Response Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) Torque Control Range Frequency Frequency Control Range Frequency Freq								
Allowable Voltage Huctuation								
Control Method Torque Characteristic Speed Control Range Speed Control Range Speed Control Range Torque Limits Torque Characteristic Provided (4 Quadrant Steps can be changed by Parameter Setting) Frequency Control Range Frequency Accuracy Frequency Accuracy Frequency Accuracy Torque Control Range Frequency Accuracy Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: 0.01Hz, Analog Reference: 0.03Hz/60Hz (11 bits + Sign) ### Output Frequency Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque ### Approximately 20% ### Motor Protection Instaneous Overcurrent ### Steps at approx 200% of Rated Quatrut Current								
Control Method Torque Characteristic Speed Control Range Speed Control Range Speed Control Range Torque Limits Torque Characteristic Provided (4 Quadrant Steps can be changed by Parameter Setting) Frequency Control Range Frequency Accuracy Frequency Accuracy Frequency Accuracy Torque Control Range Frequency Accuracy Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: 0.01Hz, Analog Reference: 0.03Hz/60Hz (11 bits + Sign) ### Output Frequency Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque ### Approximately 20% ### Motor Protection Instaneous Overcurrent ### Steps at approx 200% of Rated Quatrut Current								
Control Method Torque Characteristic Speed Control Range Speed Control Response Torque Limits Torque Control Range Torque Control Range Torque Control Range Torque Control Range Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) Frequency Control Range Frequency Accuracy (Temperature Characteristic) Frequency Accuracy (Temperature Characteristic) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Prequency Setting Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Stops at approx; 200% of Rated Quart Current Stops at approx; 200% of Rated Quart Current Stops at approx; 200% of Rated Quart Current								
Torque Characteristic Speed Control Range Speed Control Rasponse Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) Torque Control Range Frequency Control Range Frequency Accuracy (Temperature Characteristic) Frequency Setting Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Instane								
Speed Control Range Speed Control Accuracy Speed Control Accuracy Speed Control Response Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) Frequency Control Range Frequency Control Range Frequency Accuracy (Temperature Characteristic) Frequency Setting Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration Time Braking Torque Motor Protection Instaneous Overcurrent Stops at approx 200% of Rated Output Current 1:100 (1:1000 with PG) 1:100 (1:100 with PG) 1:100								
Speed Control Accuracy Speed Control Response Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) Frequency Control Range Frequency Accuracy (Temperature Characteristic) Frequency Setting Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration Time Braking Torque Motor Protection Instaneous Overcurrent More Approximately 20% Motor Protection Instaneous Overcurrent Frequency Control Range Provided (4 Quadrant Steps can be changed by Parameter Setting) Frequency Setting (10 Caculation) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Provided (4 Quadrant Steps can be changed by Parameter Setting) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) ### Digital Referenc								
Speed Control Response Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) Torque Control Accuracy Frequency Control Range Frequency Accuracy (Temperature Characteristic) Frequency Setting Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Stops at approx 200% of Rated Output Current Provided (4 Quadrant Steps can be changed by Parameter Setting) Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadrant Steps can be changed by Parameter Setting) 15% Provided (4 Quadran								
Torque Limits Provided (4 Quadrant Steps can be changed by Parameter Setting) Torque Control Accuracy								
Torque Control Accuracy Frequency Control Range Frequency Accuracy (Temperature Characteristic) Frequency Setting Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Torque Control Accuracy ±5% 0.1 ~ 400Hz 0.1 ~ 400Hz 0.1 ~ 6001% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: 0.01Hz, Analog Reference: 0.03Hz/ 60Hz (11 bits + Sign) 0.01Hz 0.01Hz 0.01Hz 0.01Hz 0.01Hz 0.01 ~ 6000Seconds(4 Selectable Current for 1 minute Approximately 20% Motor Protection Protection by Electric Thermal Overload Relay Instaneous Overcurrent Stops at approx 200% of Rated Output Current								
Frequency Control Range Frequency Accuracy (Temperature Characteristic) Frequency Setting Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: 0.01Hz, Analog Reference: 0.03Hz/ 60Hz (11 bits + Sign) O.01Hz O.01Hz O.01Hz Overload Capacity Frequency Setting Signal Analog -10 ~ +10V, 0 ~ 10V, 4-20mA Acceleration/ Deceleration Time Braking Torque Approximately 20% Motor Protection Instaneous Overcurrent Stops at approx 200% of Rated Output Current								
Frequency Accuracy (Temperature Characteristic) Prequency Setting Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: 0.01Hz, Analog Reference: 0.03Hz/ 60Hz (11 bits + Sign) O.01Hz 0.01Hz								
Perature Characteristic) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Frequency Setting Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.1% (25°C ± 10°C) Digital Reference: ±0.01% (-10°C ~ +40°C), Analog Reference: ±0.01% (-10								
Resolution Output Frequency Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Digital Reference: 0.01Hz, Analog Reference: 0.03Hz/60Hz (11 bits + Sign) 0.01Hz 0.01Hz 150% Rated Current for 1 minute Analog -10 ~ +10V, 0 ~ 10V, 4-20mA Acceleration Time Braking Torque Approximately 20% Motor Protection Protection by Electric Thermal Overload Relay Instaneous Overcurrent Stops at approx 200% of Rated Output Current								
Resolution (Caculation) Overload Capacity Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Overload Capacity 150% Rated Current for 1 minute Analog -10 ~ +10V, 0 ~ 10V, 4-20mA Overload Capacity Analog -10 ~ +10V, 0 ~ 10V, 4-20mA Acceleration Time Braking Torque Approximately 20% Motor Protection Protection by Electric Thermal Overload Relay Stops at approx 200% of Rated Output Current		Digital Reference: 0.01Hz, Analog Reference: 0.03Hz/ 60Hz (11 bits + Sign)						
Frequency Setting Signal Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Analog -10 ~ +10V, 0 ~ 10V, 4-20mA Analog -10 ~ +10V, 0 ~ 10V, 4-20mA Acceleration Findependent Acceleration and Deceleration Settings; Approximately 20% Protection by Electric Thermal Overload Relay Stops at approx 200% of Rated Output Current	******							
Acceleration/ Deceleration Time Braking Torque Motor Protection Instaneous Overcurrent Acceleration of Independent Acceleration and Deceleration Settings; Protection by Electric Thermal Overload Relay Stops at approx. 200% of Rated Output Current								
Deceleration Time 0.01 ~ 6000Seconds(4 Selectable Combinations of Independent Acceleration and Deceleration Settings) Braking Torque Approximately 20% Motor Protection Protection by Electric Thermal Overload Relay Instaneous Overcurrent Stops at approx. 200% of Rated Output Current	Analog -10 ~ +10V, 0 ~ 10V, 4-20mA							
Motor Protection Protection by Electric Thermal Overload Relay Instaneous Overcurrent Stops at approx 200% of Rated Output Current	0.01 ~ 6000Seconds(4 Selectable Combinations of Independent Acceleration and Deceleration Settings)							
Instaneous Overcurrent Stops at approx 200% of Rated Output Current								
Stops at approx 200% of Rated Quitput Current								
	Stops as Fuse Blown							
Overload Protection 150% Rated Current for 1 minute	150% Rated Current for 1 minute							
Overvoltage Protection Stops when Main Circuit DC Bus Voltage is approx. 820V	Stops when Main Circuit DC Bus Voltage is approx. 820V							
Undervoltage Protection Stops when Main Circuit DC Bus Voltage is approx. 380V Momentary Power Loss Stops when Main Circuit DC Bus Voltage is approx. 380V	Stops when Main Circuit DC Bus Voltage is approx. 380V							
Ridethru Stops for 15m5 or more, by selecting the Momentary Power Loss Mode, operation can be continued if Power is restored.	Stops for 15mS or more. By selecting the Momentary Power Loss Mode, operation can be continued if Power is restored within 2 Seconds							
Stall Prevention Stall Prevention Stall Prevention Gunning, Deceleration	Portection by Thermistor Stall Provention during Acceleration Punning Deceleration							
	Protection by Electric Circuit (Overcurrent Level)							
Charge Indicator (Internal Lit when the Main Circuit DC Bus Voltage is approx. 50V or more								
Ambient Operating Humidity 90% RH max.	90% RH max.							
Ambient Operating -10°C ~ +40°C (Enclosed Wall-Mounted Type)								
Storage Temperature -20°C ~ +60°C	-10°C ~ +45°C (Open Chassis Type)							
Application Site Indoor (No Corrosive Gas, Dust, etc.)								
Altitude 1000 m max.								
Vibration 10 ~ 20Hz, 9.8m/S ² (1G) max.; 20 ~ 50Hz, 2m/S ² (0.2G) max.								
Profibus Communication Yes (by option Card)								
PG Flux Vector Control Yes (by option Card)								
		* *						
			···					
RS-485 Communication Yes (Built-In)			· · ·					
Zero Sever Yes (by option Card) RS-485 Communication Yes (Built-In) PID Function Yes (Built-In)								

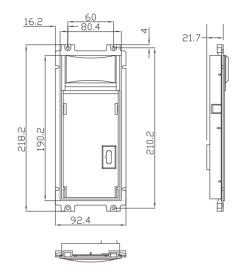


YD5000 Dimension



Applicable Motor	Dimension					Drawing	
Capacity (kW)	А	A1	В	B1	С	D	Julia
1.5~3.7	146	116	316	300	200	7	Drawing 1
5.5~7.5	200	170	340	324	210	7	
11~15	239	150	390	364	230	9	Drawing 2
18.5~22	337	230	463	430	280	11	Drawing 3
30~45	338	230	623	595	280	11	
55~93	465	325	774	740	369	15	
110~185	585	445	924	895	401	15	
200~250	765	625	1044	1015	404	15	
280~400	1050	800	1645	1600	500	18	
450~630	1200		2000		500		Drawing 4

Operator Description





Remote Operator Mounting Kit Installing Dimension

YD5000 Operator

YD5000 LCD Operator equips Graphic DOT MATRIX Module. It displays English / Chinese letters. The user will read and set the parameters easier and faster.

* Using Remote Operator would need its exclusive Mounting Kit and Cable.

Model Number

YD /	<u>5</u>	315	
YD : Yolico Inverter	Model	Motor Rating	Supply Voltage
	5 : 5000 3 : 3000	01P5 = 1.5kW 02P2 = 2.2kW 0011 = 11kW 0015 = 15kW	T4: 400VAC class *T6: 660VAC class *T11: 1140VAC class
		0315 = 315kW 0630 = 630kW	*: by request



Notes:



