

# INVERTER SYSTEM

## ADV200 IP54



### Voltage range

- 3 x 380...500 VAC, 50/60Hz

### Power range

- 0.75 ... 90kW

### Version ADV200

- For industrial applications

### Version ADV200WA

- For HVAC and water treatment applications.

### A HIGH-PERFORMANCE STAND-ALONE SYSTEM

The **ADV200 IP54** is engineered to facilitate the installation of systems that require a sturdy casing.

It is the ideal solution for decentralized designs.

Thanks to the addition of HW options and dedicated accessories, the **ADV200 IP54** satisfies all application needs.

### MAIN APPLICATIONS

For all industrial automation needs, HVAC, water treatment requiring protection from dust and water splashes:

- marble working,
- pumping stations,
- compressors.



### ADVANTAGES

Standard integrated functions make this version the ideal choice for stand-alone inverter systems:

- Integrated EMC filter and inductance
- Rapid access for setting and commissioning
- Highly flexible with addition of accessories such as fieldbus and I/O cards
- Sturdy metal casing
- 4 mechanical sizes cover the entire power range: 0.75 ... 90 kW

SPECIFICATIONS

	ADV200	ADV200 WA
<b>Control algorithm</b>	Field Oriented Control	
<b>Motor type</b>	Asynchronous / Synchronous	Asynchronous
<b>Analog inputs</b>	2 two-pole (Voltage/Current)	
<b>Analog outputs</b>	2 two-pole (1 voltage or current, 1 voltage)	
<b>Digital inputs</b>	6 (PNP / NPN)	
<b>Digital outputs</b>	4 (PNP / NPN) , (2 static and 2 relay)	
<b>Overload</b>	Heavy: Async. = 150% * In (1' every 5'), 180% * In (for 0,5''); Sync.=160% * In (1' every 5'), 200% * In (for 3'') Light: Async. and Sync.=110% * In (1' every 5')	Light: 110% * In (1' every 5') Heavy: 150% * In (1' every 5'); 180% * In (0,5" every 5')
<b>Serial communication</b>	Standard: RS485 with Modbus RTU. Optional: DeviceNet, Profibus DP, CANopen®, GDNet, Ethercat, Ethernet IP	
<b>EMI filter and Choke</b>	Integrated	
<b>Programming keypad</b>	Standard Integrated; on request external keypad.	
<b>Integrated PLC</b>	Motion Drive Programmable Logic Controller, standard IEC61131-3 , 5 languages)	
<b>Working temperature</b>	-10...+40°C (32°...104°F)	
<b>Markings</b>	CE	

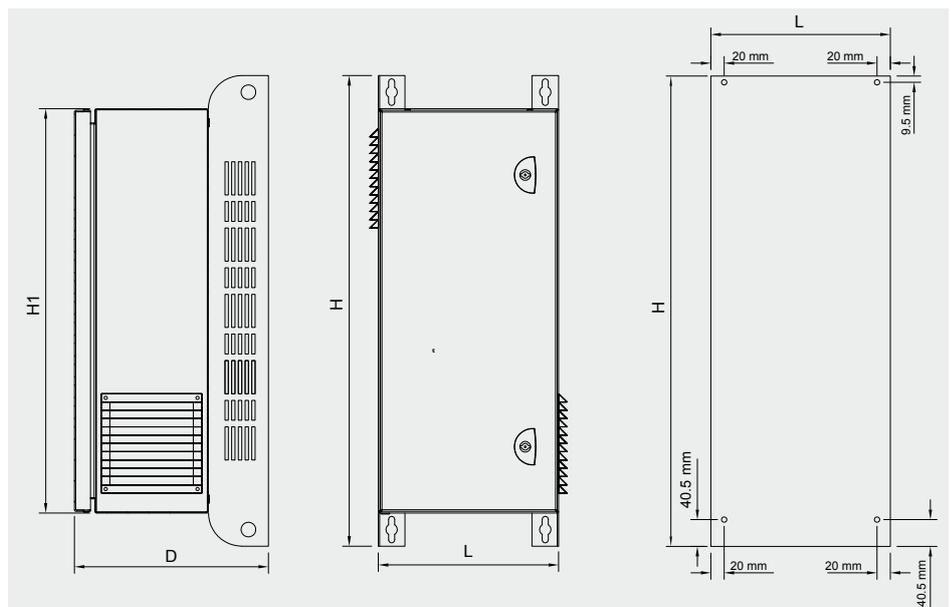


**Access to wiring**  
Power supply, motor power, I/O, and communication cables.

MODELS

Sizes	ADV200 for industrial applications		ADV200 for HVAC and water treatment applications	
	MODELS	Power of asynchronous motor in heavy duty	MODELS	Power of asynchronous motor in light duty
2	ADV1007-...-4-E54	0,75 kW		
2	ADV1015-...-4-E54	1,5 kW		
2	ADV1022-...-4-E54	2,2 kW		
2	ADV1030-...-4-E54	3 kW		
2	ADV1040-...-4-E54	4 kW		
3	ADV2055-...-4-E54	5,5 kW		
3	ADV2075-...-4-E54	7,5 kW	ADV-WA2110-...-4-E54	11 kW
3	ADV2110-...-4-E54	11 kW	ADV-WA2150-...-4-E54	15 kW
3	ADV3150-...-4-E54	15 kW	ADV-WA3185-...-4-E54	22 kW
3	ADV3220-...-4-E54	22 kW	ADV-WA3300-...-4-E54	30 kW
4	ADV4300-...-4-E54	30 kW	ADV-WA4370-...-4-E54	37 kW
4	ADV4370-...-4-E54	37 kW	ADV-WA4450-...-4-E54	45 kW
4	ADV4450-...-4-E54	45 kW	ADV-WA4550-...-4-E54	55 kW
5	ADV5550-...-4-E54	55 kW	ADV-WA5750-...-4-E54	75 kW
5	ADV5750-...-4-E54	75 kW	ADV-WA5900-...-4-E54	90 kW
5	ADV5900-...-4-E54	90 kW	ADV-WA51100-...-4-E54	110 kW

DIMENSIONS



	L Width mm [inches]	H Height mm [inches]	P Depth mm [inches]	H1 mm [inches]	Weights MAX (kg)
<b>Size 2</b>	270 [10.7]	710 [28]	290 [11.4]	610 [24]	-
<b>Size 3</b>	370 [14.6]	830 [32.7]	290 [11.4]	730 [28.7]	-
<b>Size 4</b>	370 [14.6]	1020 [40.1]	290 [11.4]	920 [32.2]	-
<b>Size 5</b>	410 [16.1]	1080 [42.5]	290 [11.4]	1180 [46.5]	-



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