



PLC HARDWARE

**YOUR ALTERNATIVE  
AUTOMATION SUPPLIER** 



# CHZIRI INDUSTRIAL VF Drives & Soft Starters

0.55kW - 630kW | 240V & 415V

*Up to 70% Less Than Tier 1 Brands...*

# Chziri Product Range: Specifications & Unbeatable Value

Explore the comprehensive range of Chziri VFDs and Soft Starters offered by PLC Hardware. Our curated selection delivers robust performance and significant cost savings compared to traditional brands, making advanced motor control accessible for all your industrial applications.

## Product Range Overview



**ZVF520**



**ZVF300H**



**ZJR7-E**



**ZJR7-B**

Product Line	Power Range	Best For	Key Advantage
ZVF520	0.55-11kW	OEM applications, compact installations	DIN rail mount, ultra-compact
ZVF300H	0.75-630kW	Industrial motors, pumps, fans, HVAC	Full feature set, scalable
ZJR7-E	7.5-45kW	Motor soft starting (external bypass)	Lowest cost option
ZJR7-B	7.5-45kW	Motor soft starting (built-in bypass)	All-in-one solution

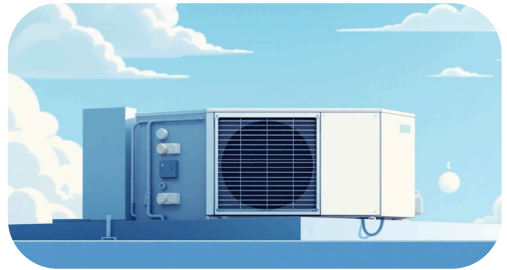
## Versatile Industry Applications

Chziri VFDs and Soft Starters are engineered to perform reliably across a broad spectrum of industrial applications. From delicate processes in wineries to robust operations in mining, our solutions ensure optimal motor control, efficiency, and longevity.



### Wineries

Precision pump control for grape processing, conveyor systems for bottling, and temperature control for optimal fermentation.



### HVAC Systems

Optimised fan and blower control, chiller optimisation, and air handling unit management for significant energy savings.



### Irrigation & Water Management

Variable speed pump control, energy-efficient water distribution, and pressure optimisation, including solar pumping solutions.



### Building Management Systems (BMS)

Run-to-Failure features for critical fire systems, Modbus RTU integration, and remote monitoring capabilities.

# ZVF520 Variable Frequency Drives

The Chziri ZVF520 series offers a highly compact and economical solution, specifically designed for OEM applications and small power requirements. Its DIN rail mounting option makes it perfect for space-constrained installations, providing exceptional value without sacrificing essential features.

## Key Features

- Ultra-compact design, ideal for OEM applications.
- DIN rail mounted for effortless installation.
- Reliable V/F control technology.
- Integrated RS485 with Modbus protocol for seamless integration.
- Comprehensive multiple protection functions.
- Cost-effective solution for small to medium motors.



## Single Phase Models (220V ±20%)

Model	Voltage	Power	Current	Type	Price AUD
ZVF520-A0R4S2S	220V ±20%	0.55kW	2.3A	DIN Rail	\$140
ZVF520-A0R7S2S	220V ±20%	0.75kW	4.0A	DIN Rail	\$144
ZVF520-A1R5S2S	220V ±20%	1.5kW	7.0A	DIN Rail	\$151
ZVF520-A2R2S2S	220V ±20%	2.2kW	9.6A	DIN Rail	\$155

### Three Phase Models (380V ±20%)

Model	Voltage	Power	Current	Price AUD	Input EMI Filter	Output EMI Filter
ZVF520-A0R7T4S	380V ±20%	0.75kW	2.1A	\$151	\$125	\$109
ZVF520-A1R5T4S	380V ±20%	1.5kW	3.8A	\$155	\$125	\$109
ZVF520-A2R2T4S	380V ±20%	2.2kW	5.1A	\$162	\$129	\$118
ZVF520-A3R0T4S	380V ±20%	3.0kW	6.8A	\$188	\$129	\$118
ZVF520-A4R0T4S	380V ±20%	4.0kW	9.0A	\$236	\$129	\$118
ZVF520-A5R5T4S	380V ±20%	5.5kW	13.0A	\$254	\$140	\$133
ZVF520-A7R5T4S	380V ±20%	7.5kW	17.0A	\$339	\$195	\$206
ZVF520-A011T4S	380V ±20%	11.0kW	25.0A	\$372	\$195	\$206

**Note:** Models 0.75-5.5kW are DIN rail mounted. Models 7.5-11kW are wall mounted.

## ZVF300H Variable Frequency Drives

The Chziri ZVF300H series offers high-performance open-loop vector control, designed for demanding industrial applications across a broad power range from 0.75kW to 630kW. It provides precise control for asynchronous AC induction motors in pumps, fans, HVAC systems, and general industrial machinery.

### Key Features

- Output frequency from 0-600Hz for versatile applications.
- Multiple password protection modes for enhanced security.
- Remote control operation via a dedicated keypad.
- V/F curve & multi-inflection point settings for optimal motor performance.
- Keyboard parameter copy function for efficient configuration.
- Robust hardware and software protections.



### Single Phase Models (1AC 240V in / 3AC 240V out)

Model	Voltage	Power	Current	Price AUD
ZVF300H-GOR7S2SD	200-240VAC	0.75kW	4.5A	\$298
ZVF300H-GOR5S2SD	200-240VAC	1.5kW	7A	\$309
ZVF300H-GOR2S2SD	200-240VAC	2.2kW	10A	\$320

### Three Phase 415V Models

Model	Voltage	Power	Current	Price AUD	Input EMI Filter	Output EMI Filter
ZVF300H-G0R7T4SD	360-440VAC	0.75kW	2.5A	\$276	\$125	\$109
ZVF300H-G1R5T4SD	360-440VAC	1.5kW	3.7A	\$298	\$125	\$109
ZVF300H-G2R2T4SD	360-440VAC	2.2kW	5.0A	\$309	\$129	\$118
ZVF300H-G4R0/P5R5T4SD	360-440VAC	4.0kW HD / 5.5kW ND	9.0A HD / 13A ND	\$372	\$140	\$133
ZVF300H-G5R5/P7R5T4MD	360-440VAC	5.5kW HD / 7.5kW ND	13A HD / 17A ND	\$471	\$140	\$133
ZVF300H-G7R5/P011T4MD	360-440VAC	7.5kW HD / 11kW ND	17A HD / 25A ND	\$508	\$195	\$206
ZVF300H-G011/P015T4MD	360-440VAC	11kW HD / 15kW ND	25A HD / 32A ND	\$667	\$195	\$206
ZVF300H-G015/P018T4MD	360-440VAC	15kW HD / 18.5kW ND	32A HD / 37A ND	\$781	\$239	\$261
ZVF300H-G018/P022T4MD	360-440VAC	18.5kW HD / 22kW ND	37A HD / 45A ND	\$1,072	\$247	\$291

ZVF300H-G022/P030T 4MD	360-440VAC	22kW HD / 30kW ND	45A HD / 60A ND	\$1,182	\$247	\$291
ZVF300H-G030/P037T 4MD	360-440VAC	30kW HD / 37kW ND	60A HD / 75A ND	\$1,476	\$265	\$309
ZVF300H-G037/P045T 4MDa	360-440VAC	37kW HD / 45kW ND	75A HD / 90A ND	\$1,635	\$489	\$581
ZVF300H-G045/P055T 4M	360-440VAC	45kW HD / 55kW ND	90A HD / 110A ND	\$2,296	\$581	\$603
ZVF300H-G055/P075T 4M	360-440VAC	55kW HD / 75kW ND	110A HD / 150A ND	\$2,671	\$693	\$641
ZVF300H-G075/P090T 4M	360-440VAC	75kW HD / 90kW ND	150A HD / 176A ND	\$3,318	\$836	\$719
ZVF300H-G090/P110T 4M	360-440VAC	90kW HD / 110kW ND	176A HD / 210A ND	\$3,796	\$1,344	\$1,131
ZVF300H-G110/P132T4 M	360-440VAC	110kW HD / 132kW ND	210A HD / 253A ND	\$4,340	\$1,668	\$1,668
ZVF300H-G132/P160T 4M	360-440VAC	132kW HD / 160kW ND	253A HD / 300A ND	\$5,002	\$1,940	\$1,940
ZVF300H-G160/P185T 4M	360-440VAC	160kW HD / 185kW ND	300A HD / 340A ND	\$6,532	\$2,050	\$2,050

ZVF300H-G185/P200T 4M	360-440VAC	185kW HD / 200kW ND	340A HD / 380A ND	\$7,660	\$2,318	\$2,318
ZVF300H-G200/P220T 4M	360-440VAC	200kW HD / 220kW ND	380A HD / 420A ND	\$8,851	\$2,318	\$2,318
ZVF300H-G400/P450T 4M	360-440VAC	400kW HD / 450kW ND	690A / 790A	\$18,366	\$4,374	\$4,374

**Note:** Range continues to 630kW - [contact PLC Hardware](#) for pricing on larger models.

## Chziri ZJR7 Series: Advanced Soft Starters

The Chziri ZJR7 series provides high-quality digital motor soft starters designed for smooth, efficient motor control. Available in both external bypass (E series) and built-in contactor (B series) models, these units significantly reduce mechanical stress and electrical surges during motor startup.

### Key Features

- Limits starting current to 2.5x rated value, drastically lower than direct start (6-8x).
- Ensures smooth motor acceleration and deceleration, protecting machinery.
- Features over-current, phase loss, and instantaneous stop protection.
- Achieve 15-30% energy savings compared to traditional star-delta starters.

These features make the ZJR7 series an ideal choice for extending equipment life and improving operational efficiency.



## ZJR7-E SERIES Soft Starters



Model	Voltage	Power	Current	Price AUD
ZJR7-E11T4-S2	3AC-480VAC	7.5kW	11A	\$386
ZJR7-E15T4-S2	3AC-480VAC	9kW	15A	\$386
ZJR7-E22T4-S2	3AC-480VAC	15kW	22A	\$401
ZJR7-E30T4-S2	3AC-480VAC	18.5kW	30A	\$408
ZJR7-E37T4-S2	3AC-480VAC	22kW	37A	\$416
ZJR7-E44T4-S2	3AC-480VAC	30kW	44A	\$419
ZJR7-E60T4-S2	3AC-480VAC	37kW	60A	\$427
ZJR7-E74T4-S2	3AC-480VAC	45kW	74A	\$453

## ZJR7-B SERIES Soft Starters



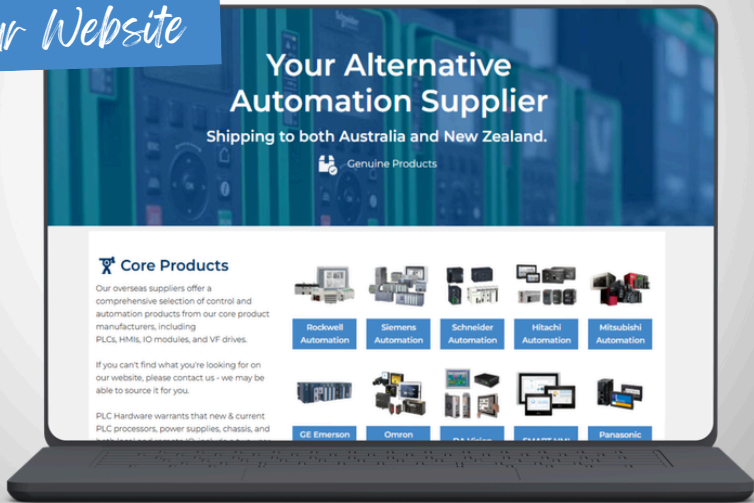
Model	Voltage	Power	Current	Price AUD
ZJR7-B11T4-S2	3AC-480VAC	7.5kW	11A	\$478
ZJR7-B15T4-S2	3AC-480VAC	9kW	15A	\$478
ZJR7-B22T4-S2	3AC-480VAC	15kW	22A	\$493
ZJR7-B30T4-S2	3AC-480VAC	18.5kW	30A	\$500
ZJR7-B37T4-S2	3AC-480VAC	22kW	37A	\$504
ZJR7-B44T4-S2	3AC-480VAC	30kW	44A	\$511
ZJR7-B60T4-S2	3AC-480VAC	37kW	60A	\$519
ZJR7-B74T4-S2	3AC-480VAC	45kW	74A	\$544

**Note:** All prices are, ex GST, and are subject to change. Volume discounts are available. Experience significant savings of up to 70% compared to major competitor brands while maintaining high performance and reliability. Additional freight charges will apply for heavy drives. It is recommended that input EMI filters are used for CE compliance.

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## FAQ

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## GENUINE PRODUCTS

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