

ADLEE AS SERIES AC DRIVES

Product Data Sheet

AS2-115

single-phase-input AC drive for a 1.5 kW motor

INPUT PHASE	RATED INPUT VOLTAGE	INPUT FREQUENCY	OUTPUT PHASE
Single-phase	220 V AC $\pm 10\%$	50 to 60 Hz $\pm 10\%$	Three-phase

Adlee AS2-115 is a single-phase-input AC drive for a 1.5 kW motor in the Adlee AS series AC drives range. Its documented configuration includes input phase: single-phase and rated input voltage: 220 v ac $\pm 10\%$.

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VERIFIED TECHNICAL DATA

Input phase	Single-phase
Rated input voltage	220 V AC $\pm 10\%$
Input frequency	50 to 60 Hz $\pm 10\%$
Output phase	Three-phase
Rated output voltage	220 V AC
Standard output frequency range	0.5 to 400 Hz
High-frequency output range	0.5 to 2000 Hz
Rated output current	7 A
Drive capacity	2.7 kVA
Maximum applicable four-pole motor	1.5 kW

ADDITIONAL PRODUCT DATA

Control method	Sine-wave pulse-width modulation
Braking method	Regenerative discharge braking
Overload capacity	150% of rated current for 1 minute
Acceleration setting	0.1 to 6000 s
Deceleration setting	0.1 to 6000 s

DOCUMENTED USE SETTINGS

Variable-Speed Machinery in Assembly and Processing Areas: Single-phase supplied inverter cabinets serving three-phase motors.

Small Pumps in Treatment and Transfer Facilities: Low-power pump motor speed control in utility cabinets.

Mechanical Equipment in Facility Plantrooms: Small fan motor drives in building plantrooms.

SYSTEM COMPATIBILITY

Install AS2-115 on a single-phase 220 V AC supply within the manual tolerance and connect the specified three-phase 220 V AC motor circuit. Confirm the 7 A rated drive output and 1.5 kW motor limit against the machine design.

PRODUCT EVIDENCE

Adlee manufacturer documentation for AS2-115