

AC/AC UNINTERRUPTIBLE POWER SUPPLIES

UPS - ALMIV RANGE

BUREAU VERITAS CERTIFIED



The power supplies of the ALMIV range are designed to operate on-board ships, vehicles or mobile engines of all types. They ensure that a protected alternating supply system is generated with back-up operation.

These dual-conversion power supplies are composed of a charger/rectifier coupled to an inverter. The battery which provides the autonomy is either integrated to the power supply or external to the system.

Main applications

Computer systems, programmable logic converters, telecommunications, fire safety, alarms



BUREAU
VERITAS

STANDARD RANGE WITH BV CERTIFICATE OF TYPE APPROVAL N° 07671

DESCRIPTION	INPUT VOLTAGE	OUTPUT VOLTAGE	POWER (VA)	POWER (W)	BACK-UP TIME (MINUTES)
ALMIV - 500	115V 230V 400V 440V 690V Single-phase Three-phase	115V 230V 400V 440V 690V Single-phase Three-phase	500	350	10, 30 or 60
ALMIV - 700			700	490	10, 30 or 60
ALMIV - 900			900	630	10, 30 or 60
ALMIV - 1200			1 200	840	10, 30 or 60
ALMIV - 1500			1 500	1 050	10, 30 or 60
ALMIV - 2000			2 000	1 400	10, 30 or 60
ALMIV - 2600			2 600	2 080	10, 30 or 60
ALMIV - 3500			3 500	2 800	10, 30 or 60
ALMIV - 5000			5 000	4 000	10, 30 or 60
ALMIV - 7500			7 500	6 000	10, 30 or 60
ALMIV - 10000			10 000	8 000	10, 30 or 60
ALMIV - 12500			12 500	10 000	10, 30 or 60
ALMIV - 15000			15 000	12 000	10, 30 or 60
ALMIV - 20000			20 000	16 000	10, 30 or 60

Please contact us for other voltages, frequencies, powers (up to 30 OKVA), back-up time, protection factor, paint or options

AC/AC UPS – MAIN TECHNICAL SPECIFICATION

INPUT

- Voltage: 115, 230, 400, 440 or 690Vac single-phase or three-phase according to model
- Tolerance: +/- 10%
- Frequency: 50-60Hz +/- 5%
- Low re-injection of harmonics currents

OUTPUT

- Voltage: 115, 230, 400, 440 or 690Vac single-phase or three-phase according to model
- Regulation of established voltage: +/- 2%
- Frequency: 50 or 60Hz +/- 0,01%
- Sinusoidal waveform: harmonic distortion rate: 3%
- Automatic static by-pass in the event of overload or equipment fault
- Inverter input/output galvanic insulation upon request
- Efficiency at nominal power: from 82 to 92% according to model

PROTECTIONS

- Input/output protection by circuit-breakers or fuses
- Protection against over temperature and overload

BACK-UP

- Typical autonomies of 10, 30 or 60 minutes using gas combination sealed lead batteries – others on request

PRESENTATION

- In metal cabinet
- Protection factor IP23; others upon request
- Cable connections by means of terminal block through cable glands
- Control, monitoring and visualisation equipment on the front side

ENVIRONMENT SPECIFICATIONS

- Operating temperature: 0°C to +45°C
- Max. relative humidity: 95% without condensation
- Anti-corrosion treatment
- Tropicalized windings
- Electronics cards protected by water-repellent and tropicalizing varnish
- Installation and wiring specifically arranged to attenuate the effects of impacts and vibrations

CERTIFICATION AND CLASSIFICATION

- Up to 20KVA
 - BV type approval
 - Conform to regulations BV, DNV, LR and ABS
- Inspection by classification societies upon request

OPTIONS

- Improved power factor
- EMI filter
- Dry contacts
- DC emergency input
- etc.

