

CS WAVE MDL

Power converters 48Vdc to 230Vac



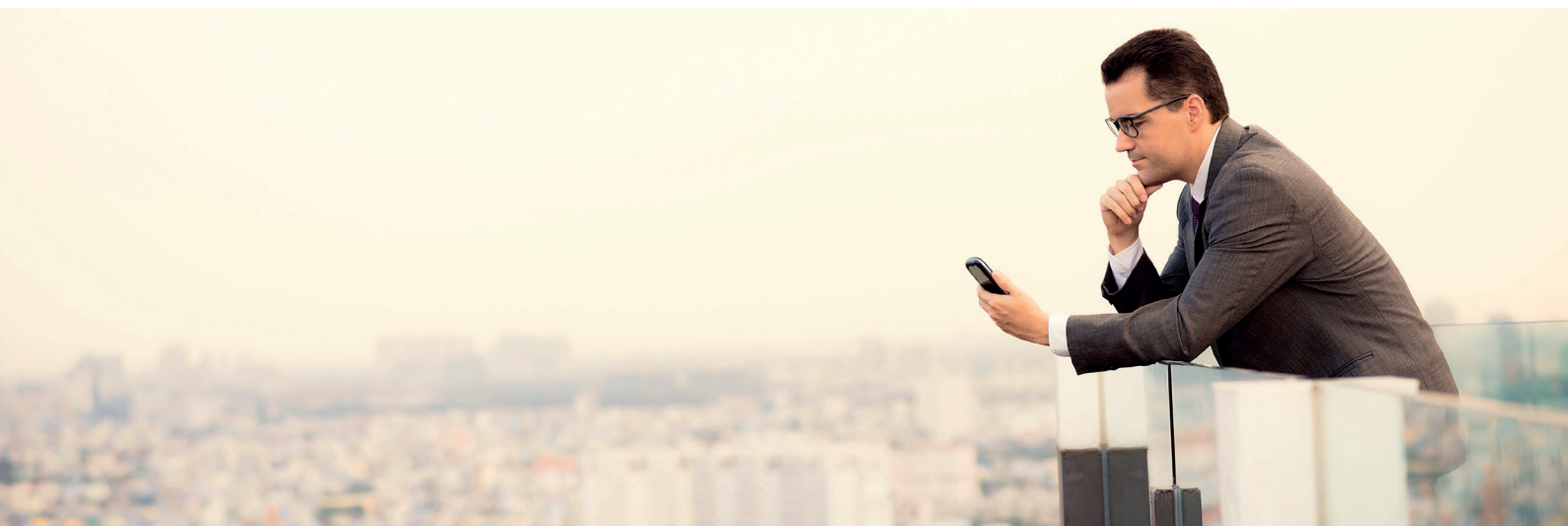
CS WAVE MDL: DC/AC converters for telecommunications

Today's telecommunications systems include a large variety of critical loads that must be correctly powered and protected. Salicru's **CS WAVE MDL** is based on the modular architecture that can be adapted to any growth and/or redundancy needs.

The maximum configurations allows up to 24 kVA in models with 1 or 1.5 kVA, which are supplemented by the modules: static bypass (STS), LCD display, communications and/or manual bypass with distribution.

Applications: AC power for Telecom systems

Normally for mobile or land-line telecommunications systems not able to connect to the mains, that need autonomous solutions providing power from back-up elements (batteries, fuel-cell,...).



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Performances

- DSP Design (Digital Signal Processor).
- Back-feed protection standard (in configurations with STS).
- All Master technology for better reliability.
- Sinoidal output.
- Hot-Swap.
- High density power.
- Polarity inversion protection.
- Smart ventilation control.

Options

- Static bypass up to 12 kVA.
- LCD display.
- Communications interface.
- Manual bypass with distribution.

Technical support and service

- Pre-sales and post-sales consultation service.
- Several maintenance and remote maintenance methods.



Range

MODEL	CODE	POWER (VA)	DIMENSIONS (D x W x H mm)	WEIGHT (Kg)
CS 1000-WAVE MDL 48/230	651AA000000	1000	270 x 215 x 44	2.5
CS 1500-WAVE MDL 48/230	651AA000001	1500	270 x 215 x 44	3

Technical specifications

MODEL		CS WAVE MDL
TECHNOLOGY		DSP; All Master
INPUT	Rated voltage	40.5 Vdc ÷ 58 Vdc
	Psophometric noise	<=1 mV
OUTPUT	Rated voltage	230 Vac
	Power (VA)	1000 / 1500
	Frequency	50 / 60 Hz
	Performance	> 89%
	Admissible overloads	150% for 20 seconds
MANUAL BYPASS	Type	Distribution: 2 x 20 A + 1 x 32 A + 1 x 50 A / 5 position selector
STATIC BYPASS	Transfer time (ms)	< 5 ms
	Voltage range	176 ÷ 276 Vac
COMMUNICATION	Ports	RS-232, RS-485, USB, SNMP and free contacts
INDICATIONS	Type	LCD Display (Input / Output / Alarms / General)
SYSTEMS	Maximum no. modules per system	15 x 1500 VA or 24 x 1000 VA
	Maximum power per system (kVA)	22.5 k VA x 1500 VA / 24 kVA x 1000 VA
STANDARDS	Safety	IEC 62368-1
	Electromagnetic compatibility (EMC)	EN 61000-6-3; EN 61000-6-1
	Corporate cerification	ISO 9001, ISO 14001, ISO 45001

Information subject to change without notice.