

Hitachi America, Ltd.

RCU Series Regenerative Converter Unit Instruction Manual

NOTE: REFER ALSO TO APPLICABLE
INVERTER INSTRUCTION MANUAL



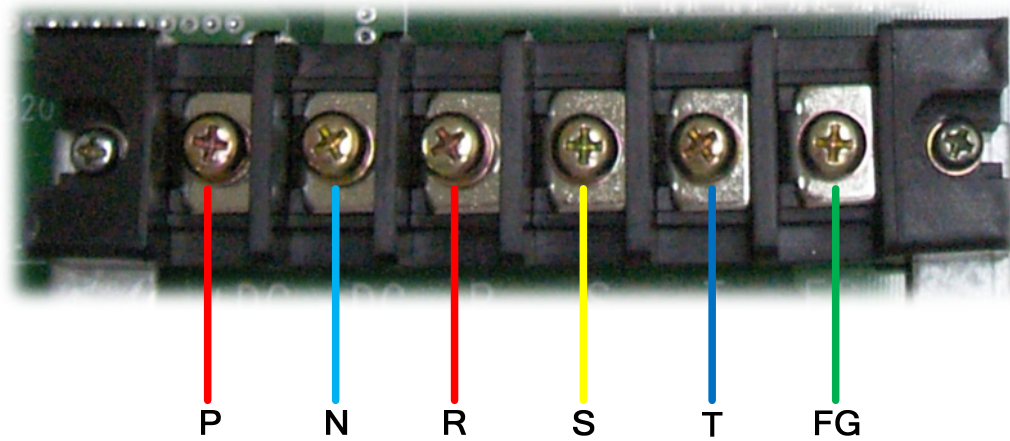
Manual Number: HAL1057

June 2009

After reading this manual,
keep it handy for future
reference.

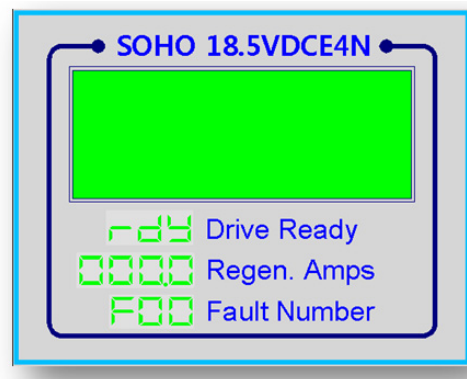
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6. Power Wiring



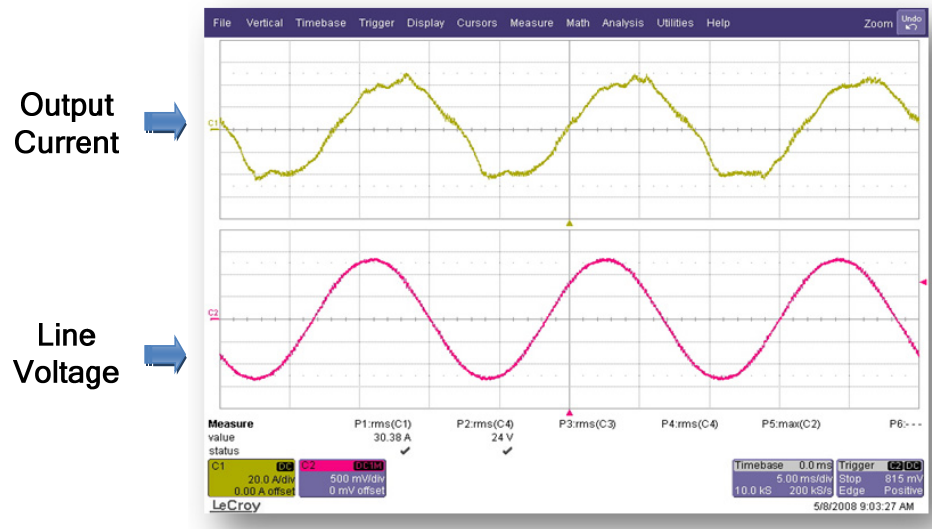
- P : DC-Link P
- N : DC-Link N
- R(L1) , S(L2), T(L3) : 3-phase main power
(Phase sequence: Automatic recognition)
- FG : Earth

7. Display



- rdy (Ready) : Regenerative Converter is ready
- 000.0: Current value during regeneration (000.0A)
- F00 : Fault Code

8. Output Current and Line Voltage Waveforms

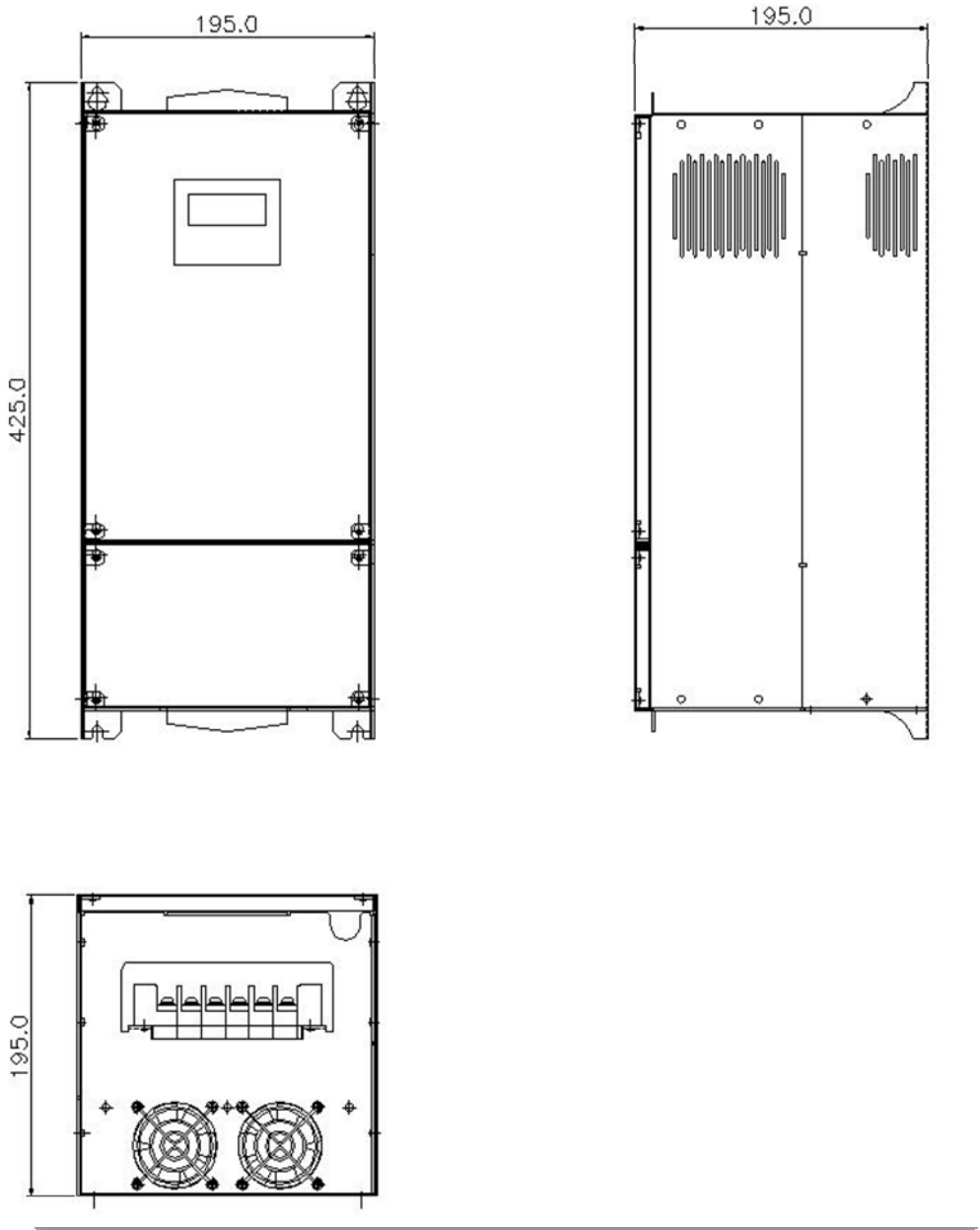


9. Electrical specifications

Range	220Vac / 380Vac / 440Vac
Capacity	11kW ~ 30kW (Available to 110kW and Parallel operation)
Applicable AC	3 Phase 220V / 380V / 440V
Frequency	50Hz/60 Hz
Efficiency	Over 95%
Operating Voltage (DC-LINK)	Automatically set by input voltage
Display and Protection	Display : regenerative current Protection : Overheat, Over current, Arm-short, Over Voltage, Low voltage, and Phase Error etc.
Filter	Built-in reactor and noise filter
Wiring	Input R, S, T / DC Bus P, N / Ground

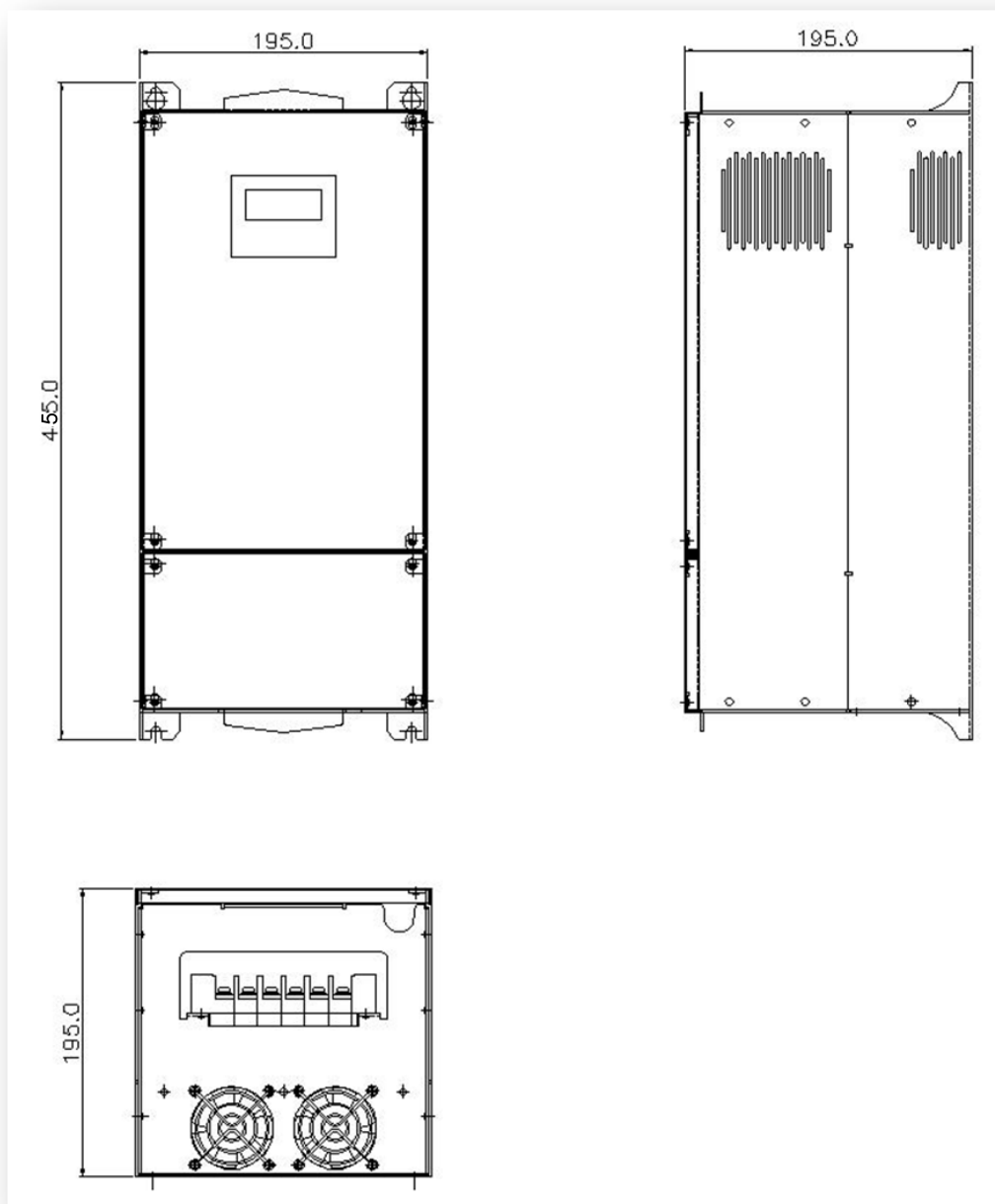
10. Dimensions

11 kW, 15 kW



Dimensions (cont'd)

22 kW, 30 kW



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For Technical Support, contact your Hitachi Distributor,

Or visit:

www.hitachi-america.us/inverters

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