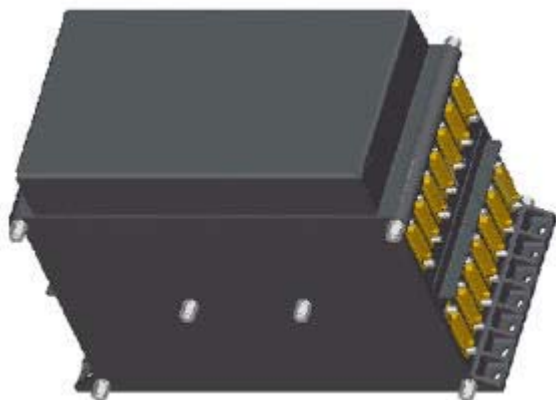


Battery Charge controller for Lithium Ion Battery

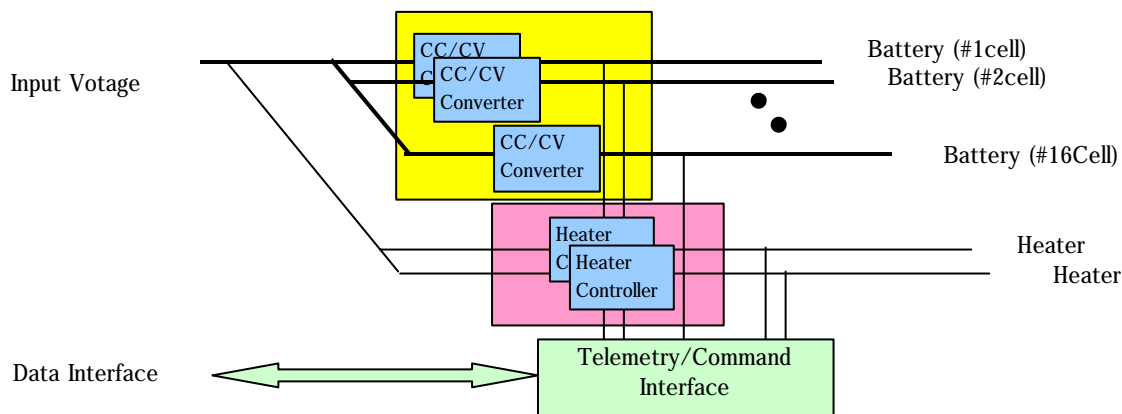
(360W 16 Outputs Battery Charger)



Features

- * Direct Charging to Cell : 16 cells
- * Two Mode charge function(CC/CV)
- * Possible to set the charge voltage by command
- * Provide Heater power
- * Serial Data Interface
- * Provide following telemetry
 - Cell Charge Current /Voltage (16ch)
 - Battery/Voltage(1ch)
 - Heater Status
 - Battery Temperature
- * Command list
 - Charge Rate
 - Heater ON/OFF Command

Block Diagram



Performance Summary

<u>Items</u>	<u>Description</u>	<u>Remarks</u>
*Out put power	360W (typical)	
*Input Voltage	20 to 50V(or 50 to 100V)	
*Constant Current(CC)	5 A \pm 2 %	
*Ripple current	Less than 25mA _{p-p}	
*Constant Voltage(CV)	3.0 to 4.5 V \pm 2 %	Settable by command
*Ripple Voltage	Less than 60mV _{p-p}	
*Efficiency	85 %(at maximum operation)	
*Weight	7.9Kg	
*Size	331(w) x 200(d) x 246(h)	

COMPANY PROPRIETARY

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