



PRODUCT SPECIFICATION

FEATURES

- ✂ Up to 10 independent charge ports for Smart and/or Simple Lithium-Ion Battery packs
- ✂ 800W Charge Power Rating for Simultaneous Fast Charging
- ✂ 19" IEC 60297 Standard Rack Mount Design, 3.0U Height, SSEC sheet metal construction
- ✂ Built using Modular Power Electronics and Mechanical Architecture
- ✂ Smart Battery System (SBS) complaint Charger Architecture
- ✂ Supports up to +19.2VDC charge voltage
- ✂ Supports wide input power rails from 90VAC – 264VAC
- ✂ Supports Multiple Programmable / Selectable Charging Modes
- ✂ Fast & Normal Charge-Mode CC/CV Charge Option
- ✂ Supports revive of shutdown and sleep battery pack
- ✂ Safety Protection against Over-current, Over-Voltage malfunctions
- ✂ Real-time fuel gauge and fault LED indications
- ✂ Designed to meet UL & IEC 60950 standard for safe use

DESCRIPTIONS

The **SCALABILITY** MS-BC781 is an intelligent lithium-ion battery charger that is able to charge 10-packs of either smart and/or simple battery packs simultaneously in an industrial standard IEC 60297 rack mount chassis. It is programmable to support different charging voltage/current profiles for various models of battery packs. In addition, the **SCALABILITY** MS-BC781 is able to revive battery packs in shutdown and sleep modes which conventional battery charges are rarely capable of. Its standard built-in safety protection against over-current, over-voltage and over-temperature fault conditions provides comfort to the operator that the charger shall be able to take care of critical fault conditions independently. The **SCALABILITY** MS-BC781 is a versatile solution and a good product investment for all battery maintenance operators. Foremost, the product is designed to meet UL & IEC 60950 standards for safe use.

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About **MILWORKS**

MILWORKS® is a Product and System design & consultancy house for the Defence, Aerospace and Industrial markets. Its main business focus are Portable Energy Solutions, System Connectivity, and Tactical Communication System. We have our own in-house expertise in embedded electronics design, firmware & application coding, mechanical design and product ruggedization. Utilising PLM & ERP software, our business processes are in place to allow achieving full engineering focus in delivering high quality product and system solutions based on best engineering principles.

MILWORKS® has its own in-house design tools, such as latest SolidWorks™ Professional Simulation, and ECAD tools. Together with reliable and long term partnerships with contract manufacturers in Europe, USA, South Africa and Asia; MILWORKS® is committed to ensure our customer's interests are well taken care in the course of using our product and system solutions.

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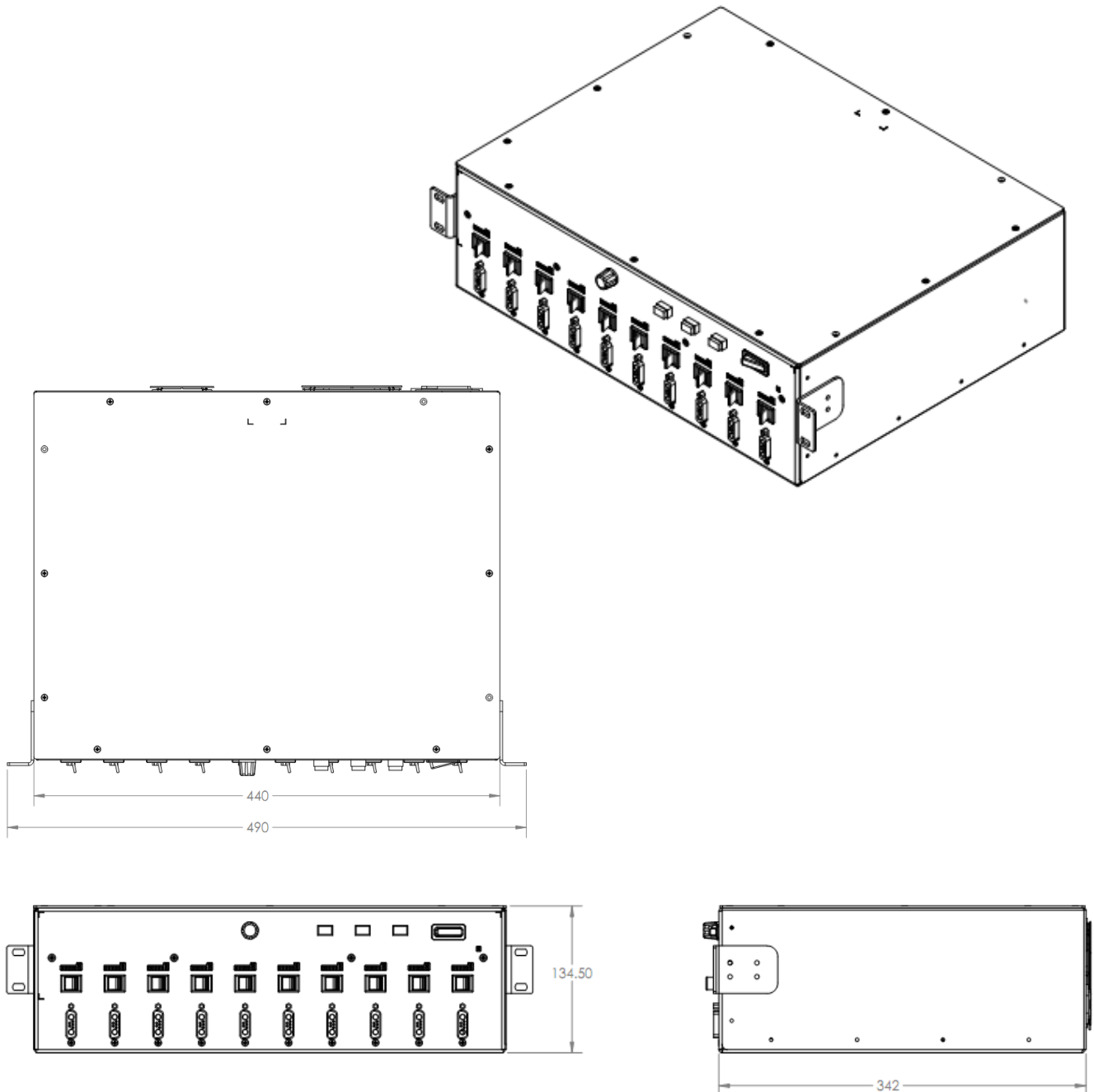
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MECHANICAL INFORMATION

The SCALABILITY MS-BC781 is IEC 60297 / 19" rack mount compliant.



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