

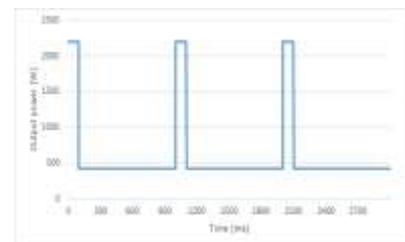
## Green ESG-XXX HF surgery generator

High frequency generator for endoscopic- and laparoscopic surgery. The system is the only surgical tissue management system that delivers every common form of energy used in surgery today (monopolar, bipolar, ultrasonic and advanced bipolar).

### Customer „special“ Requirements

- Wide range input
- Limited available space
- Medical approval
- High reliability

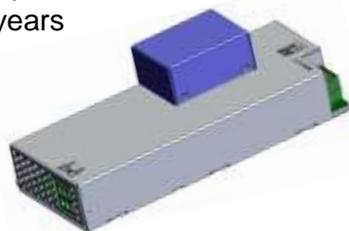
Output	Min. Load	Rated Load / Short Time Load	Output Power	Output Voltage Accuracy
5 V <sub>DC</sub> optional	0.10 A	1 A	5 W	5 V <sub>DC</sub> ±1%
48 V <sub>DC</sub>	0.001 A	12.5 A	600 W	48 V <sub>DC</sub> ±1%
		48 A for 100 ms, see Figure 1	2.2 kW for 100 ms	> 38 V



### Solution Summary

Proposed a modified **RACM1200-48** with capability to handle **2.2kW** peak load by doubling the BULK capacitance, new concipation of inrush circuit, higher rated switching components etc. In addition, the mechanical concept had to be changed accordingly.

Annual QTY: 1k- 2.5k pcs  
Product Lifetime: >8 years



### WHY RECOM?

- Built excellent relationship with customer RnD team
- Outstanding technical support
- Understand clearly the „special“ system power needs
- Highest flexibility and ability to meet individual requirements
- Innovative power concept w/o forced cooling at given power level
- Competitive cost structure