



HiLight

A Compact, Economical, Easy to Install, Low Power RF Platform

Compact, lightweight, and air-cooled, HiLight™ RF generators are ideal for low-power, on-board applications, suiting 13.56 MHz plasma and 1 or 2 MHz processes.

- Economical
- Flexible, single-phase input
- Compact design

Overview

Designed for use with 230 VAC, single-phase input power, the HiLight™ generators provide up to 600 W into a 50 Ω , non-reactive load. HiLight RF generators provide accurate power regulation and incorporate internal protection limits that enable safe and reliable operation. The RF generators are compact and lightweight, permitting you to mount directly on the tool or chamber. HiLight generators are controlled via a 25-pin analog user port.

Benefits

- Easily install in non-19" rack mounts
- Increase accuracy and reliability with wave or pulsing modes

Features

- Compact, lightweight shoebox design
- Air cooling
- Wave and pulse mode
- Phase synchronization (CEX) and pulsing
- Analog user port

Technical specifications

- **Power**

200, 300, and 600 W

- **Frequencies**

- **200 W**

0.925 MHz

0.902 MHz to 0.948 MHz VCO range for optimum load auto tuning

- **300 W, 600 W**

13.56 MHz

- **Available Interfaces**

25-pin user port

- **AC Input**

230 VAC (187 to 253 VAC)

- **Line Frequency**

50/60 Hz

- **Cooling**

Air

- **Operating Ambient Temperature Range**

+5°C to +35°C

+41°F to +95°F

Specifications are subject to change without notice. Not all options and accessories are available for all models and configurations. Dimensions listed generally refer to standard configurations and module bodies only. Please confirm technical specifications and customizations with a sales representative. Advanced Energy is not responsible for errors or omissions.