

# 4A-PLASMA<sup>®</sup>

## TECHNOLOGY & ENGINEERING

# HiPIMS-PS



### Features:

**HiPIMS-PS Uni-Polar / Bi-Polar**

**DC-PS** (for magnetron sputtering, PECVD, Etch...)

**DC-Pulsed-PS Uni-Polar / Bi-Polar** (for magnetron sputtering, PECVD, Etch...)

**HiPIMS-Bias / DC-Bias / DC - Pulsed- Bias** (synchronization possible)

**Single & Dual magnetron capability**

**NEW hiPlus<sup>+</sup> - Technology** Positive Voltage Reversal Option

with the PPP -Technology (Proportional Positive Pulse) and APP -Technology (Adjustable Positive Pulse) option.

### Product Overview:

	hiP-V 6KW	hiP-V 10KW Opt.A	hiP-V 10KW Opt.B	hiP-V 20KW Opt.A	hiP-V 20KW Opt.B
<b>Power</b>	6KW	10KW	10KW	20KW	20KW
<b>Peak Power</b>	0,5MW	1,2MW	1,2MW	2,4MW	2,4MW
<b>Voltage</b>	1000V 1200V opt.	1000V 1200V opt.	1000V 1200V opt.	1000V 1200V opt.	1000V 1200V opt.
<b>Current max. HiPIMS</b>	500A	1000A	2000A	2000A	1000A
<b>Current DC max.</b>	18A	25A	25A	50A	50A
<b>Frequency max.</b>	2KHz	2KHz	1KHz	1KHz	2KHz
<b>Time ON</b>	5-1000µs	5-1000µs	5-1000µs	5-1000µs	5-1000µs
<b>ARC Control</b>	< 3µs	< 3µs	< 3µs	< 3µs	< 3µs
<b>Cooling</b>	Water	Water	Water	Water	Water

**HiPIMS Power Packs up to 80KW & Customized Products Available**

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