



DC power supply for plasma 750 W, 1000 V 1A ALP 750W 56M230 FST



This power supply uses a switch-mode power supply technology providing a smaller footprint (19 "rack 2U), good power stability and efficiency over 90%.

It was created specifically for plasma application; it incorporates the following functions:

- arc detection and removal
- plasma ignition
- ramp

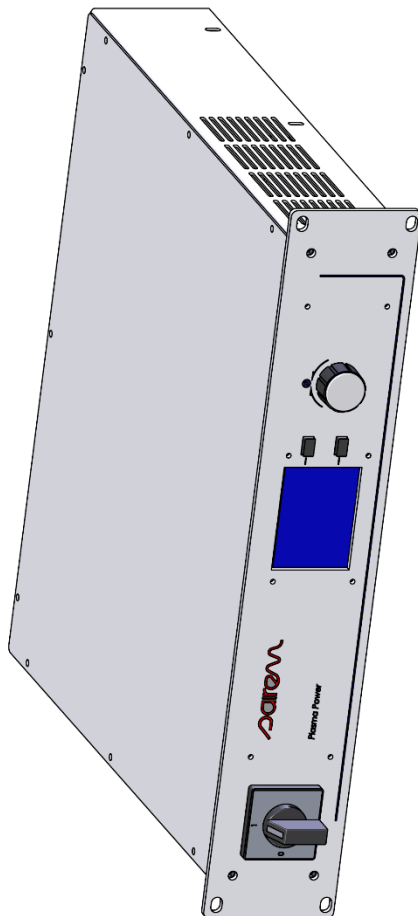
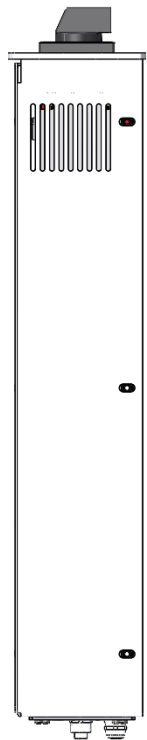
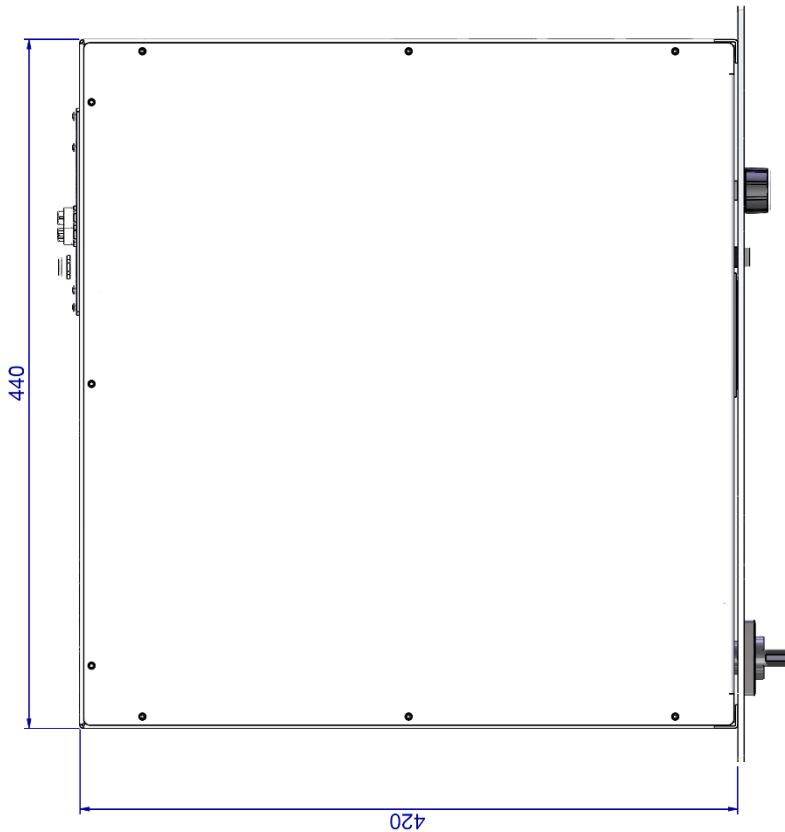
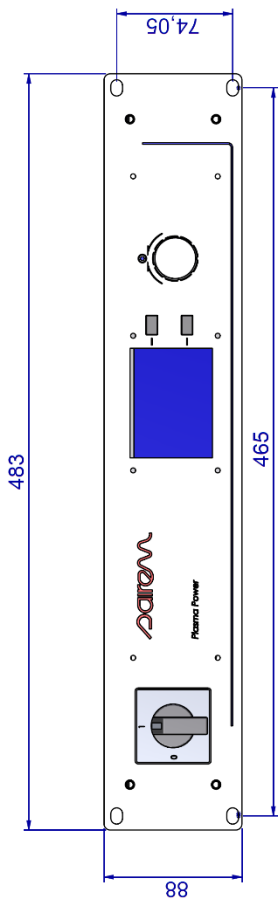
Technical characteristics

Reference	ALP 750W 56M230 FST
Presentation	Switch-mode power supply ($\eta > 90 \%$). Connection cable of 4 m. Other lengths upon request.
Output power	Up to 750 W – Voltage: 200 V to 1000 V – Current: 30 mA to 1 A
Ignition voltage	950 V
Power stability	< 1 % from 10 % to 100 % of the available maximum power
Ripple	< 0.5 % RMS from 10 % to 100 % of the available maximum power
High voltage output	Female connector SHV
Mains	208 – 230 V $\pm 6 \%$, 1-phase + neutral
Regulation mode	Voltage / current / power
Local control mode	Local / analog remote control / RS 232
Remote control mode	Modbus RS232 / Modbus RS422 et RS485 / CANopen® / Profibus®
Dimensions	440 × 465 × 88,8 mm (2U)
Cooling	Air
Safety	Safety relay and free contact to be shunted
EC standards	EN 61010-10 ; EN 61000-6-4 ; EN 61000-6-2



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		TITRE : ALP15K56M230FST		FORMAT : A3	
		ECHAELLE : 1:3		DESIGN NO. : 3148-ENS-ALP750	
		WEIGHT : 6.22			
INDICE	A	13/10/2016	BDE	VERIFIE	APPROUVE
		DATE	DESSINE		
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					MODIFICATION DU DESSIN