Input voltage (U1) / Input current (I1) at rated output (U2 MAX I2 MAX) (Refer to Voltage configurations on page 31.)	CSA (50 Hz/60Hz) 1-phase: ▪ 200 V: 40 A ▪ 208 V: 37.5 A ▪ 240 V: 33 A 3-phase ▪ 480 V: 10 A	CE/CCC (50 Hz/60 Hz) 1-phase†,†† ▪ 220 V: 37 A ▪ 230 V: 34.3 A 3-phase†,††† ▪ 380 V: 13 A ▪ 400 V: 12 A	
Gas type	Air	Nitrogen (N_2)	F5‡
Gas quality	Clean, dry, oil-free per ISO 8573-1 Class 1.2.2	99.95% pure Clean, dry, oil-free	99.98% pure (F5 = 95% nitrogen [N_2], 5% hydrogen [H])
Recommended gas inlet flow rate/pressure	Cutting	~~188.8 L/min at 5.9 bar (400 scfh at 85 psi)~~ 212 slpm at 5.9 bar (450 scfh at 85 psi)	
	Maximum removal gouging	~~165.2 slpm (350 scfh) at a minimum 4.1 bar (60 psi)~~ 212 slpm at 4.8 bar (450 scfh at 70 psi)	
	Marking	142 slpm at 4.1 bar (300 scfh at 60 psi)	

* Defined as a plot of output voltage versus output current.

** Refer to the data plate on the bottom of the plasma power supply for more information on duty cycle and for IEC ratings.

*** NOTICE: This Class A equipment is not intended for use in residential locations where the public low voltage supply system supplies the electrical power. It is not always easy to supply electromagnetic compatibility in those locations, because of conducted as well as radiated disturbances.

† This product meets the technical requirements of IEC 61000-3-3 and is not subject to conditional connection.

†† Equipment complies with IEC 61000-3-12.

††† Equipment complies with IEC 61000-3-12 if the short-circuit power S_{sc} is greater than or equal to 1003 KVA at the interface point between the operator's supply and the public system. The installer or user of the equipment must consult with the distribution network operator, if necessary, to ensure that the equipment is connected only to a power supply with a short-circuit power (Ssc) greater than or equal to 1003 KVA.

‡ F5 is only recommended to cut stainless steel.