Product Specification

Welding Power Source	Unit	ST2-400	ST2-500	ST2-630
Control Mode	-		Digital Control	
Rated Input Voltage/Phase	-		3 - phase AC380V (±15%)	
Input Power Frequency	Hz		50/60	
Rated Input Capacity	kVA/kW	13.1/12.4	23.1/21.7	32.4/30.4
Power Factor	-	0.94	0.93	0.94
Efficiency	-	88%	89%	89%
Output Characteristics	-		CC	
Rated Output Current	A	400	500	630
Rated Output Voltage	V	36	40	44
Rated Duty Cycle (Ambient Temperature40℃)	%	400A@60%	500A@100%	630A@100%
Rated Output No-Load Voltage	V	63	76	76
Output Current Range	A	20 ~ 400	20 ~ 500	20 ~ 630
Group Control (SMARC IoT)	/		Optional	
Enclosure Protection Grade	/		IP23	
Insulation Grade	/		H (Transformer F-class)	
Ambient Operating Temperature	℃		- 10℃ ~ 40℃(Welding power source can start up at - 39℃)	
Cooling Method	/		Forced cooling	
Dimensions (L x W x H)	mm	522*264*511	665 *295*553	665 *295*553
Weight	kg	27	31	32.5