

Heavy Duty Spot Welding



Features:

1. Designed for welding all kinds of ferrous materials such as stainless and iron etc.
2. It is equipped with new circuit adopting IC and has high durability and reliability.
3. Thyristor can be provided high reliability and stability output.
4. Welding Current can be adjusted continuously.

LITRON

Models & Ratings

Model	Method	Input	Power Capacity	Welding Current	Max. Pressure
		Volt/Phase	KVA	A	Kg
WL-S-16K	Spot	380/1 Φ	16	10,000	200
WL-S-25K	Spot	380/1 Φ	25	12,000	300
WL-S/SP-35K	Spot	380/1 Φ	35	16,000	350
	Spot/Projection				
WL-S/SP-50K	Spot	380/1 Φ	50	19,500	500
	Spot/Projection				



Model \ Specifications		SD1-6-35	SD1-6-50	SD1-6-75	PD1-10-90	PD1-20-150
Rated capacity	kVA	35	50	75	90	150
Throat dimensions (opening X depth)	mm	200X500	200X500	200X500	200X300	S : 200X550 P : 200X400
Max. short circuit secondary current	A	18,000	23,000	33,000	40,000	50,000
Rated max. input	kVA	82	119	225	289	400
Duty cycle	%	5.0	5.0	5.6	4.8	7.0
Rated frequency	Hz	50/60	50/60	50/60	50/60	50/60
Welder power source	V	1 \emptyset , 200	1 \emptyset , 200	1 \emptyset , 200	1 \emptyset , 200	3 \emptyset , 200
Max. electrode force	kgf	600	600	600	1,000	2,000
Electrode stroke	mm	20 · 60	20 · 60	20 · 60	20 · 60	35-85
Electrode tip	mm	\emptyset 16, 1/5 Taper	\emptyset 20, 1/5 Taper	\emptyset 20, 1/5 Taper	-	\emptyset 20, 1/5 Taper
Horn diameter	mm	\emptyset 60	\emptyset 60	\emptyset 60	-	\emptyset 70
Platen	mm	-	-	-	\square 150	\square 230
Cooling water	ℓ /min	18	18	18	23	50
Weight	kg	260	360	390	520	1,800