

DC Inverter MMA Welding Machine PR SERIES



YUVA-300PR II



YUVA-380PR



YUVA-400PR



YUVA-500PR



YUVA-630PR

About PR Series:

PR Series welding machines are heavy duty machines and thus suitable to be used in harsh industrial environments. This range of machines are designed for continuous applications and for outdoor applications.

Features

- ◆ Specially designed for Heavy Industrial Projects with 70% Duty Cycle, thus suitable to be used for Continuous Welding Applications.
- ◆ With good protection of Under-Voltage, Over-Voltage and Over Current, it makes the machine safe and reliable.
- ◆ With advanced high efficiency inverter technique with high frequency switching 30 KHz, high energy saving and thus proving to be an environment friendly machine.
- ◆ Suitable to weld Rutile, Basic, Low Hydrogen, HSLA(High Strength Low Alloy), Stainless Steel Electrodes
- ◆ Arc Force feature in all machines. It stabilizes the Arc and prevents electrode from sticking.
- ◆ Hot Start feature in YUVA-300PR II & YUVA-630PR. It enables ease of starting the Arc in difficult conditions like damp electrode, imperfect job surface.

Accessories



YUVA-300PR II only



Main Technical Parameters :	YUVA-300PR II	YUVA-380PR		YUVA-400PR	YUVA-500PR	YUVA-630PR
SPECIAL FEATURE	WITH VRD ON/OFF SWITCH	IMPROVED DESIGN WITH MODULE IGBT		WITH REMOTE	WITH REMOTE	ARC/GOUGING WELDING MACHINE WITH REMOTE
Input voltage (V)	AC220V±10%	AC220V±10%	2P/3P*415V±10%	3P*415V±10%	3P*415V±10%	3P*415V±10%
Input voltage range (V)	110-280	120V-560		280-460	350-460	350-460
Frequency (Hz)	50/60	50/60		50/60	50/60	50/60
Rated input capacity (KVA)	7.5	7	11	18	18.5	34
Rated input current (A)	34	32	15.3	25	26	47
No-load voltage (V)	75	78	70	80	80	80
VRD voltage (V)	13.5	13.5	13.5	13.5	13.5	13.5
Duty cycle (%)	70%275A	-	70%320A	70%400A	70%480A	60%600A
	100%230A	100%220A	100%260A	100%335A	100%372A	100%465A
Output current range (A)	20-300	20-220	20-380	10-400	20-500	40-600
Output voltage range (V)	20.8-27.6	20.8-27.2	20.8-31	21.6-36	20.8-36	22-42
Efficiency (%)	85%	85%	85%	85%	85%	85%
Insulation class	H	H		H	H	H
Case protect class	IP23	IP23		IP23	IP23	IP23
Power Factor	>0.93	>0.93		>0.93	>0.93	>0.93
Dimension (L*W*H)(mm)	350X172X290	460X220X365		460X220X365	465X220X365	625X302X585
Weight (KG)	6.5	14		17	17	32
Suitable electrode rod (mm)	1.6/2.5/3.15	2.5/3.15/4.0		2.5/3.15/4.0	3.15/4.0/5.0	3.15/4.0/5.0