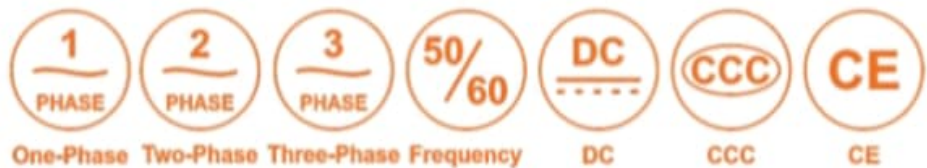




# WIZARD ARC SERIES

## FEATURES

IGBT Inverter Technology & SMT in PCB design  
 Suitable for steel, stainless, low alloy steel etc  
 smooth and stable arc with minimum spatter  
 Digital Meter for accurate parameter  
 Heavy Duty, Light Weight, Low Spatter & Easy  
 Arc Ignition  
 High Power Factor and High Efficiency.



Technical Parameters	200	220	250S	400C	400I	500I	630I	1000I
Input power voltage(V)	AC220	AC220	AC415	AC415	AC415	AC415	AC415	AC415
	±15%	±15%	±15%	±10%	±15%	±15%	±15%	±15%
Rated Input Power capacity(KVA)	6.6	7	8.5	14	16.5	23	28.5	60
Rated Input Current(A)	30	32	12	20	24	32	40	83
Input Voltage frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
No-load voltage(V)	65	65	60	65	75	75	75	80
Output current range(A)	20-200	20-220	20-250	20-400	20-400	20-500	20-630	60-1000
Rated output voltage(V)	28	28	30	36	36	40	44	44
Duty cycle(10 min)	60%	60%	60%	60%	60%	60%	60%	100%
No-load Power(W)	40	40	40	80	100	120	150	300
Efficiency(%)	85	85	85	85	85	85	85	85
Power factor (COS )	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Insulation class	F	F	F	F	H	H	H	H
Protection class	IP21	IP23	IP23	IP23	IP23	IP23	IP23	IP23
Driver adjustment arrange(A)	NA	0-100	0-100	0-100	0-100	0-100	0-100	0-100
Weight(KG)	8	10	19	23	35	50	60	100

## FEATURES

New Design, Smart Appearance  
 Compact Size, Lightweight and Power Saving

Strong Current Output, Superior Arc Performance  
 Quality Weld with Precise Control