

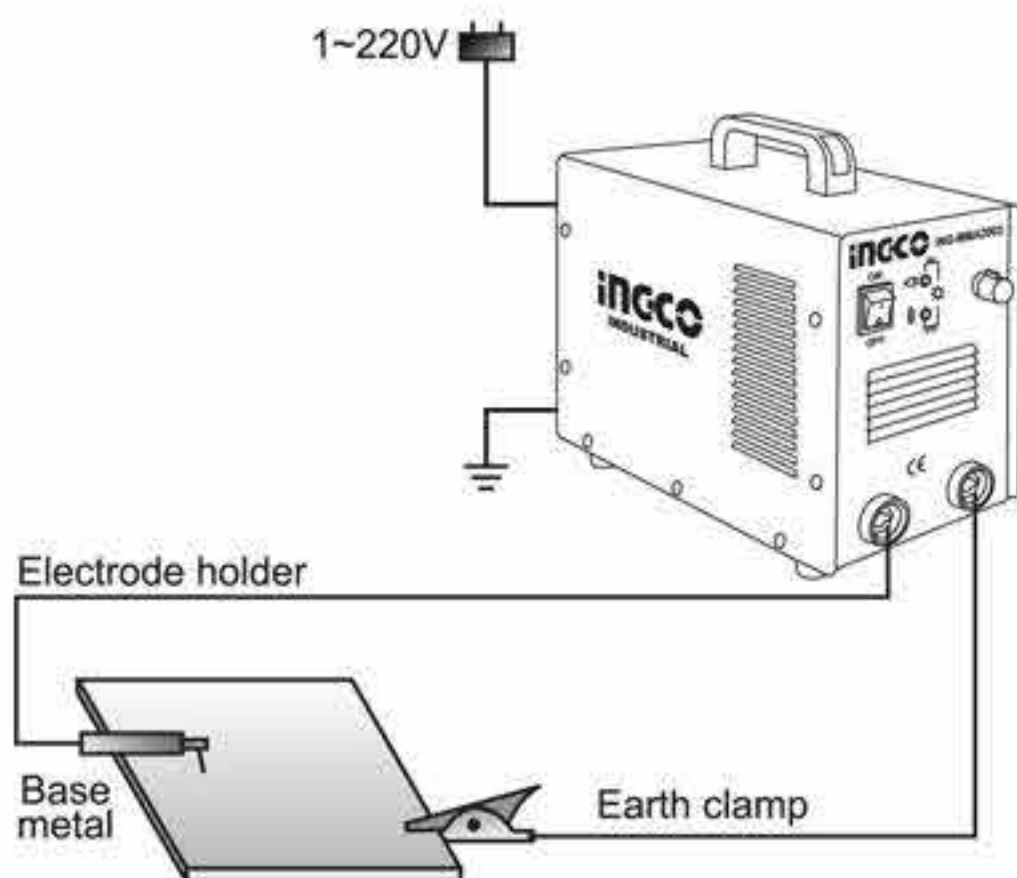


INVERTER MMA DC WELDING MACHINE



INVERTER TECHNOLOGY

INDUSTRIAL



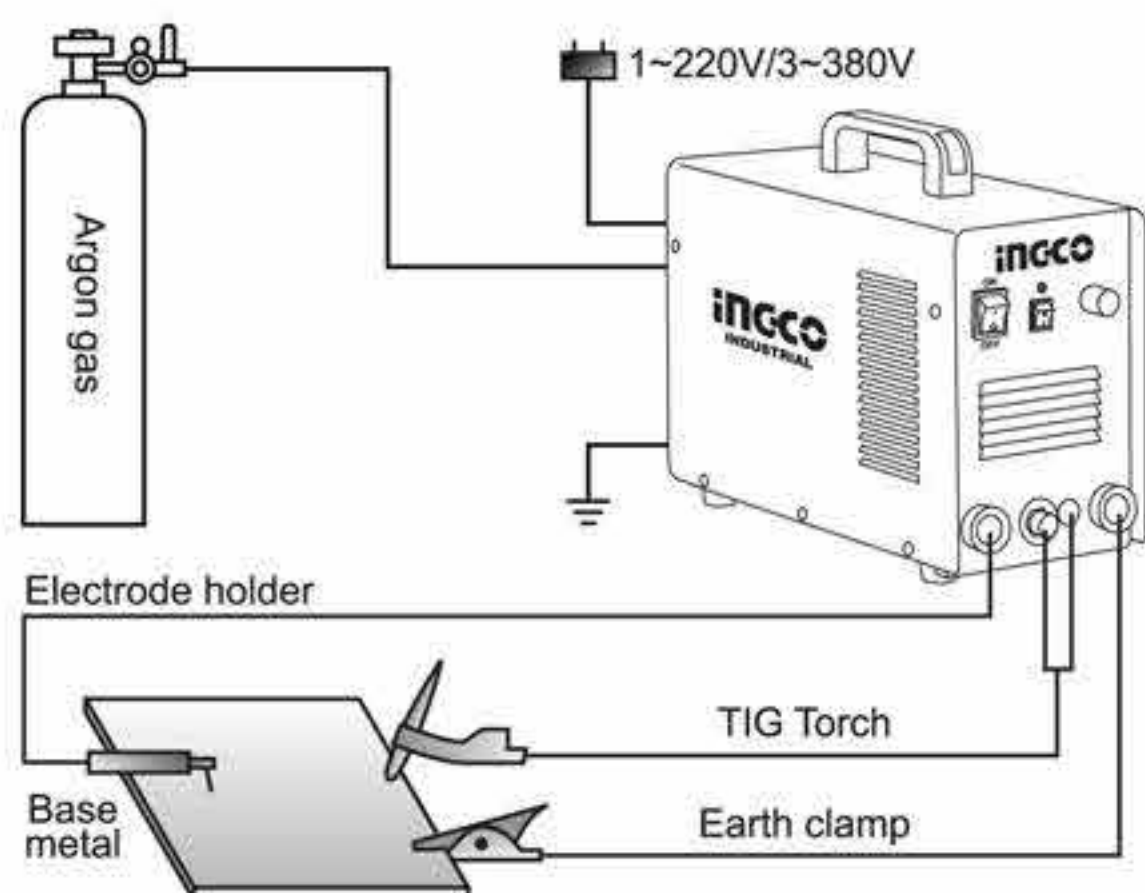
Item No.	ING-MMA1603	ING-MMA1803	ING-MMA2003
Input voltage(V)	220	220	220
Frequency(Hz)	50/60	50/60	50/60
Input capacity(KVA)	6.4	7	7.5
No load voltage(V)	62	62	62
Current range(A)	10-160	10-180	10-200
Max.current(A)	160	180	200
Rated duty cycle(%)	160-60 Amp-%	180-60 Amp-%	200-60 Amp-%
Usable electrode rod	1.6-4.0mm	1.6-4.0mm	1.6-5.0mm
Protection class	IP21S	IP21S	IP21S
Insulation class	H	H	H
Net weight(Kgs)	6.6	7.0	7.3



INVERTER MMA/TIG WELDING MACHINE



INVERTER TECHNOLOGY



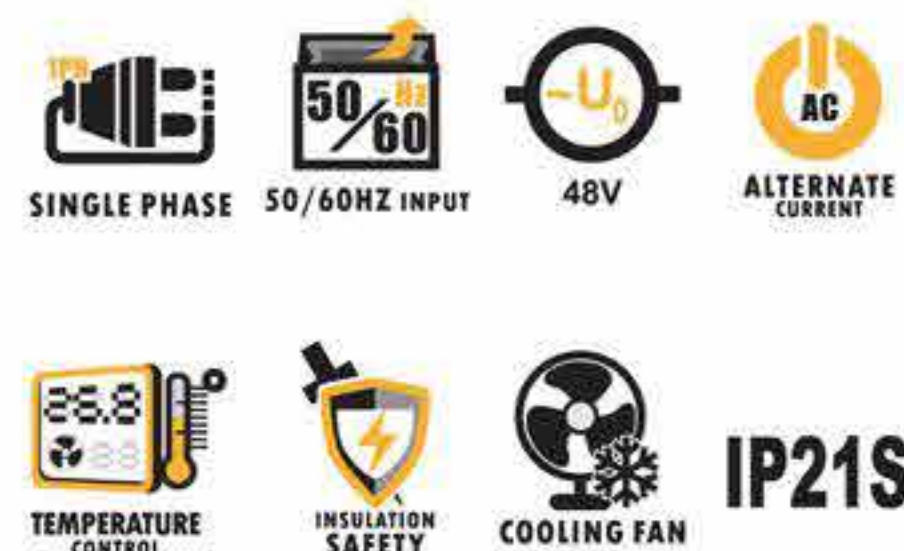
INDUSTRIAL



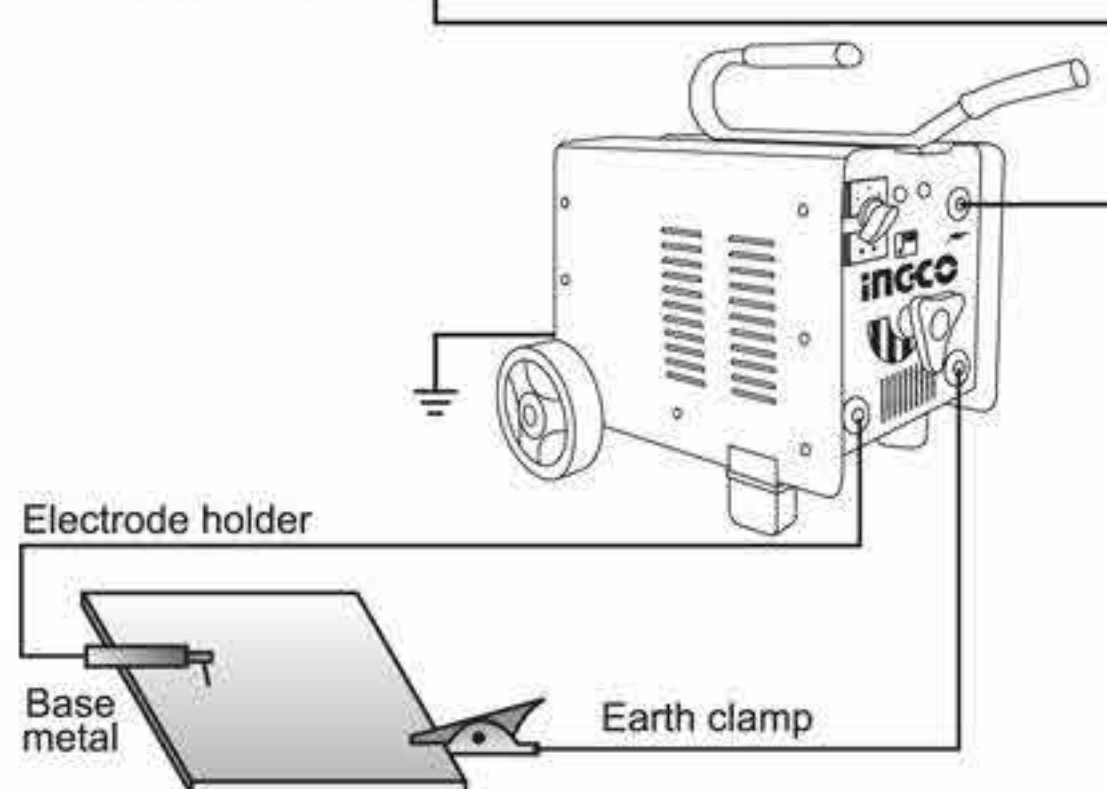
Item No.	ING-MMA/TIG1606	ING-MMA/TIG2006	ING-MMA/TIG2506	ING-MMA/TIG3006	ING-MMA/TIG4006
Input voltage(V)	220	220	380	380	380
Phase	Single	Single	Three	Three	Three
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
No load voltage(V)	56	56	54	54	60
Current range(A)	10-160	10-200	10-250	10-300	10-400
Duty cycle(%)	60	60	60	60	60
No load power(W)	<100	<100	<100	<100	<100
Arc starting	HF	HF	HF	HF	HF
Efficiency(%)	80	80	85	85	85
Power factor	0.73	0.73	0.93	0.93	0.93
Protection class	IP21	IP21	IP21	IP21	IP21
Insulation class	F	F	F	F	F
Net weight(Kgs)	8	9	17	17.5	26.5



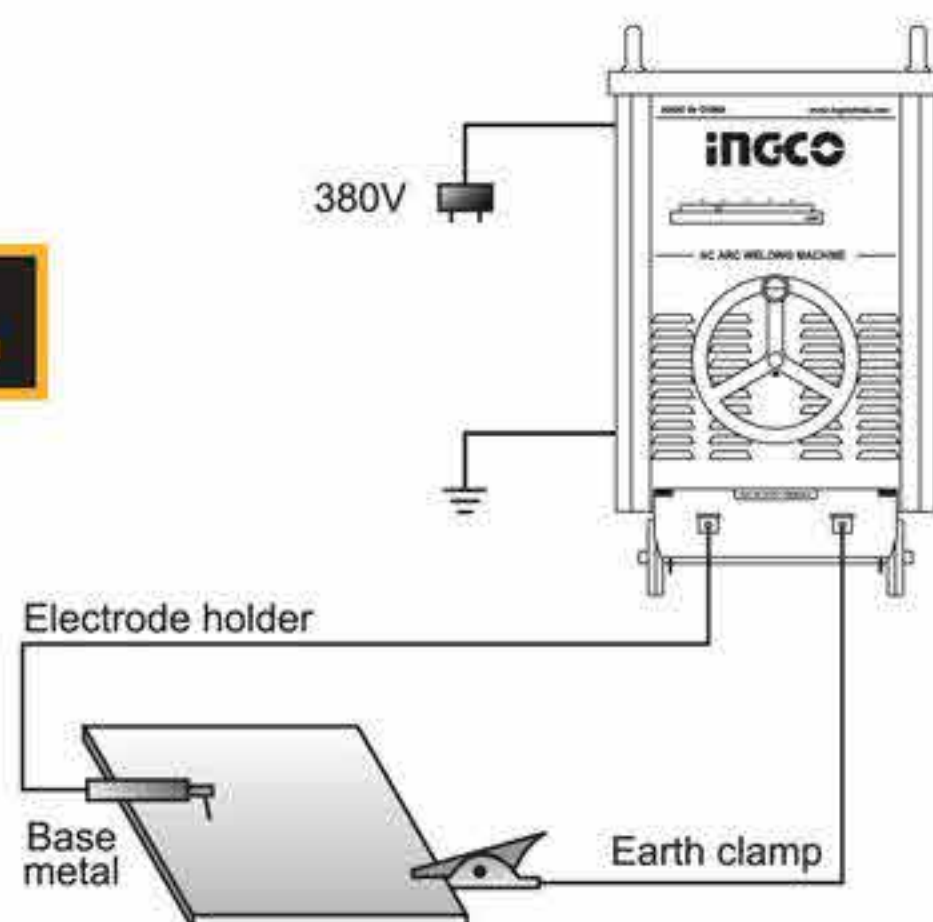
MMA WELDING MACHINE



1~220V/380V



Item No.	ING-MMAC1602	ING-MMAC1802	ING-MMAC2002	ING-MMAC2502
Input voltage(V)	220	220/380	220/380	220/380
Frequency(Hz)	50/60	50/60	50/60	50/60
Input capacity(KVA)	6.2	7.0	7.5	10.0
No load voltage(V)	48	48	48	48
Current range(A)	55-160	60-180	60-200	65-250
Max.output(A)	160	180	200	250
Rated duty cycle(%)	160-10 Amp-%	180-10 Amp-%	200-10 Amp-%	250-10 Amp-%
Usable electrode rod	2.0-4.0mm	2.0-4.0mm	2.5-4.0mm	2.5-5.0mm
Protection class	IP21S	IP21S	IP21S	IP21S
Insulation class	H	H	H	H
Net weight(Kgs)	18	20.5	22	25


INDUSTRIAL


MMA WELDING MACHINE



SINGLE PHASE



50/60HZ INPUT


 ALTERNATE
CURRENT

 INSULATION
SAFETY

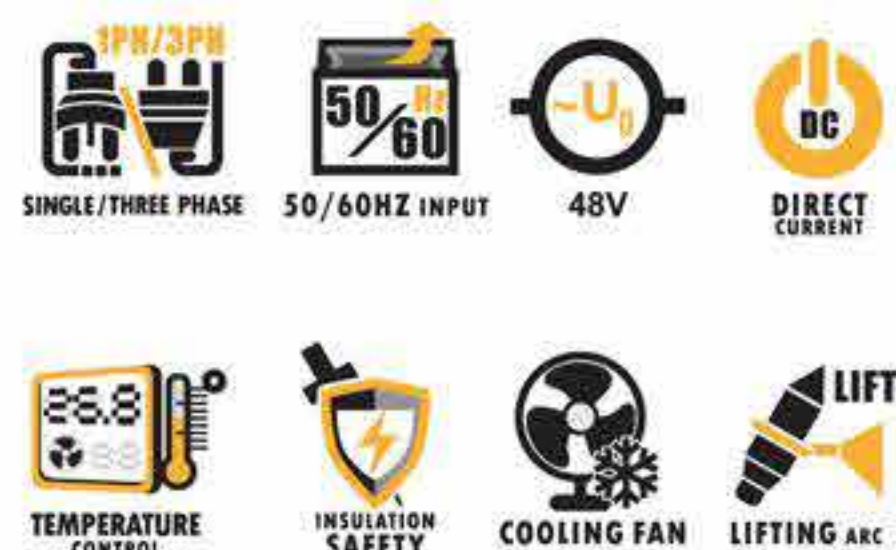

COOLING FAN

IP21S

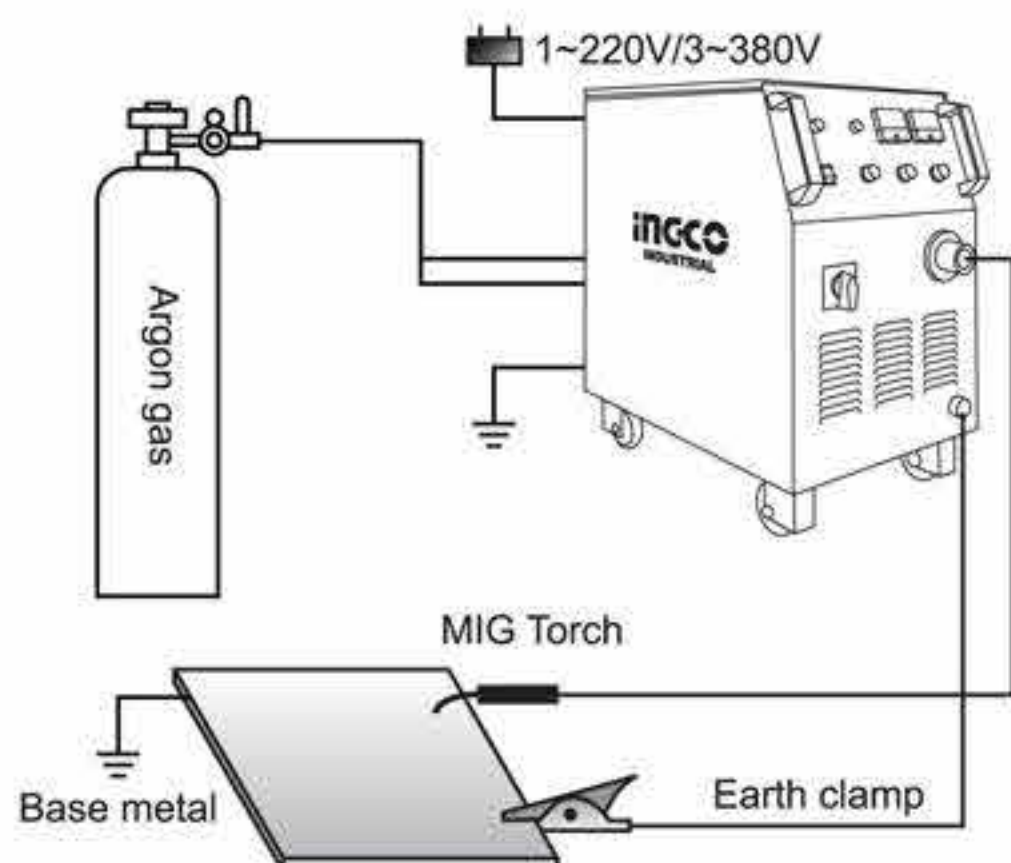

Item No.	ING-MMAC2506	ING-MMAC3156	ING-MMAC4006	ING-MMAC5006	ING-MMAC6306
Input voltage(V)	380	380	380	380	380
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
Input capacity(KVA)	19.8	21	32.5	42	50
No load voltage(V)	70	70	75	75	80
Current range(A)	50-250	60-315	80-400	100-500	25-630
Max.current(A)	250	315	400	500	630
Rated duty cycle(%)	250-60 Amp-%	315-60 Amp-%	400-60 Amp-%	500-60 Amp-%	630-60 Amp-%
Usable electrode rod	2.0-5.0	2.5-6.0	2.5-6.0	3.2-6.0	3.2-6.0
Protection class	IP21S	IP21S	IP21S	IP21S	IP21S
Insulation class	H	H	H	H	H
Net weight(Kgs)	65	85	90	135	145



MAG/MIG WELDING MACHINE

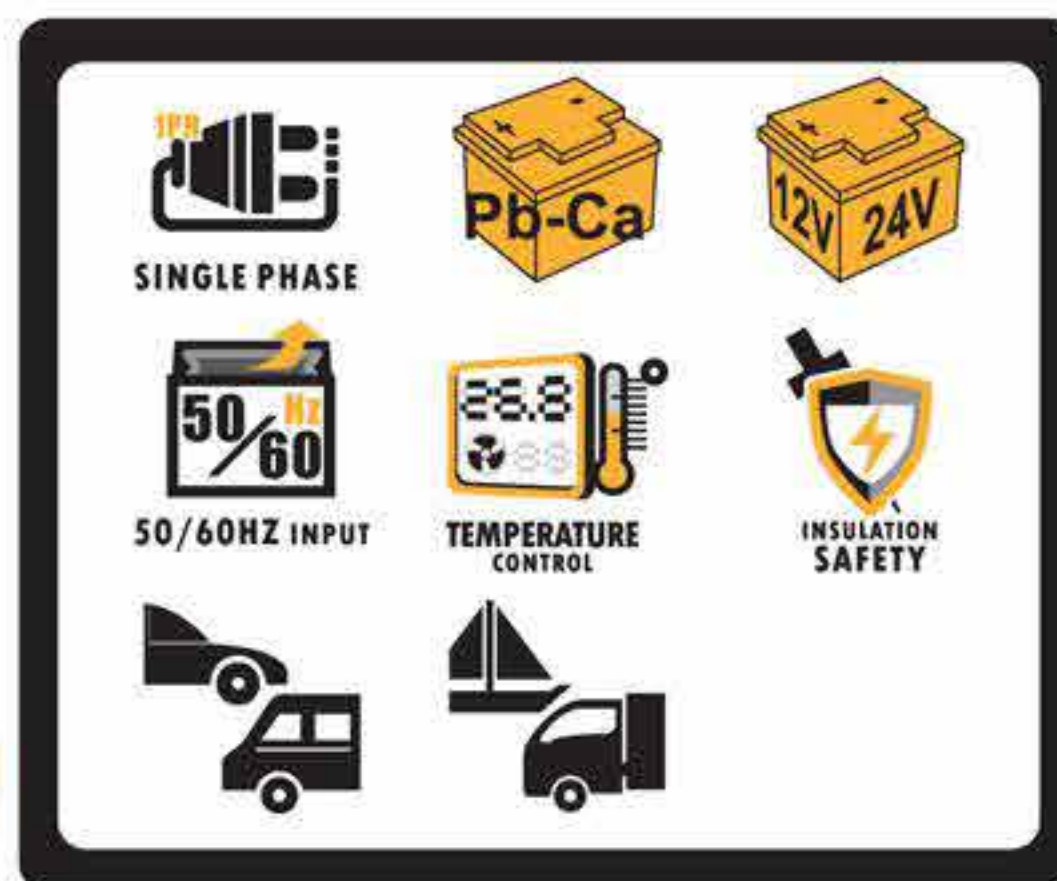


INDUSTRIAL



Item No.	ING-MAG/MIG1701	ING-MAG/MIG2008	ING-MAG/MIG2508	ING-MAG/MIG3158	ING-MAG/MIG4008
Input voltage(V)	220	380	380	380	380
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
Rated input capacity(KVA)	7.4	8.8	9.5	18.1	30
Voltage adjusting range(V)	16-24	16-24	16-27	16-30	16-36
Output current range(A)	50-160	50-200	50-250	50-315	50-400
Max output current(A)	160	200	250	315	400
Rated duty cycle(%)	160-10 Amp-%	200-60 Amp-%	250-60 Amp-%	315-60 Amp-%	400-60 Amp-%
Wire-feeding speed	3-15	3-15	3-15	3-15	3-15
Working wire size	ø0.6 , 0.8 , 1.0	ø0.8 , 1.0 , 1.2	ø0.8 , 1.0 , 1.2	ø1.2 , 1.4 , 1.6	ø1.2 , 1.4 , 1.6
Protection class	IP21S	IP21S	IP21S	IP21S	IP21S
Insulation class	H	H	H	H	H
Net weight(Kgs)	35	50	85	95	110

BATTERY CHARGER



INDUSTRIAL

- Single phase battery charger and starter
- Charging lead-acid battery with 12 or 24 voltage
- Equipped with selector for normal charge, quick charge(BOOST), quick start
- Application:
Ideal for motorcycles, various cars, vans, light trucks, heavy trucks and so on
(Any battery capacity lower than 900Ah)



Item No.	ING-CB1601	ING-CD2201	ING-CD6201
Input voltage(V)	220-240	220-240	220-240
Frequency(Hz)	50/60	50/60	50/60
Charging voltage(V)	12/24	12/24	12/24
Rated current(A)	9/4	16/18	30/35
Boost current(A)	12	20	60
Reference capacity(A)	28-180	70-300	140-900
Insulation class	H	H	H
Weight(Kg)	5.6	15	25