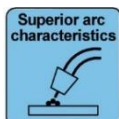
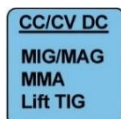


Multi-process power sources 250-500A

MP models - CC/CV, 250A/400/500A 400V 3 phase & 230V single phase

Rugged reliable power sources with great portability. Ideal for industrial sites, shipyards, offshore, hire fleets & mobile welding applications.



60% duty cycle



Key features of MP models.

- ✓ Infinitely variable weld power from 20A to max A with precision.
- ✓ Superb arc characteristics on MMA, MIG & lift TIG.
- ✓ Arc air gouging capability with MP503.
- ✓ High OCV - 88V to for running every electrode incl. cellulosic.
- ✓ High duty cycles - 60% for all models.
- ✓ Digital displays show set values & real welding values.
- ✓ Option for calibration to IEC60974-14.
- ✓ Remote connector with 24V for MIG wire feeder or TIG HF box.
- ✓ Unique DAP control allows operator full control over welding characteristics from CV through to CC.
- ✓ Super smooth low spatter MIG welding with perfect welds.
- ✓ Variable inductance on MIG to fine tune the arc precisely.
- ✓ Auto compensation for cables up to 100M & voltage fluctuations.
- ✓ Generator friendly with built in protection from over & under voltage, over temp, over current.
- ✓ High efficiency design, 20W standby + fan on demand.
- ✓ Rugged power source case design with galvanised chassis.
- ✓ Cooling chamber keeps airflow away from electronic PCBs.
- ✓ Built using rugged reliable technology with minimum components for a long life & best servicability.



Ready to weld as an MMA or TIG unit, just plug in welding cables / torch.

Add one of our MIG wire feeder models, TECFEED arc voltage or MIGFEED 24V, or plug in our TIG box for full HF TIG with slope functions. Add a remote control to adjust welding output at distance. Add a gouging torch to the MP503 for running up to 8mm carbons.

230V 1 ph models	Output range	Duty cycle @+40°C MIG	No load volts	Rec fuse	Min generator 3/4 output	Weight	Efficiency
MP251	20-250A	230A@60%	88V	25/32A*	5KVA**	15kg	0.84
MP401	20-400A	370A@60%	88V	45A/63A*	9.5KVA**	25kg	0.84

400V 3 PH models	Output range	Duty cycle @+40°C MIG	No load volts	Rec fuse	Min generator 3/4 output	Weight	Efficiency
MP253	20-250A	230A@60%	88V	16A*	5KVA**	14kg	0.86
MP403	20-400A	370A@60%	88V	20A*	9.5KVA**	22kg	0.86
MP503	20-500A	470A@60%	88V	32A*	15KVA**	26kg	0.86

All models - size 240w x 550L x 470H (incl handle & feet).

Duty cycle increases by approx. 5% at +20°C & for TIG welding. For MMA duty cycle reduces by approx. 5%.

*Smaller fuse size may be used for lower outputs, **for max output increase generator size by 40%

Popular options & accessories.

110V 220A version	MIG wire feeders	TIG HF boxes	Castor wheels fitted
Remote control of power	Arc air torch	MIG & TIG torches	Electrode leads

Compliance with BS IEC60974-1, WEE/HD0071UZ, EU2019/1784, CE & UKCA marked

Our long term warranty & back up – 2 year warranty + 5 years on main transformer & all coils.
100% spares availability & service support for a minimum of 20 years from purchase.
'Invest in the best' quality made British welding equipment

