



DC TIG Power Sources

AC/DC TIG Power Sources

FEATURE/SETTING	Maxstar® 210 DX	Maxstar® 280 DX	Maxstar® 400	Maxstar® 800	Syncrowave® 300	Syncrowave® 400	Dynasty® 210 DX	Dynasty® 280 DX	Dynasty® 400	Dynasty® 800
Duty Cycle	210 A @ 60%	250 A @ 60%	300 A @ 60%	600 A @ 60%	210 A @ 60%	300 A @ 60%	210 A @ 60%	250 A @ 60%	300 A @ 60%	600 A @ 60%
Input Voltage	1 & 3ph Auto-Line™	1 & 3ph Auto-Line™	3ph Auto-Line™	3ph Auto-Line™	380-400 V, 3ph	380-400 V, 3ph	1 & 3ph Auto-Line™	1 & 3ph Auto-Line™	3ph Auto-Line™	3ph Auto-Line™
Weight	19 kg	23 kg	61 kg	90 kg	80 kg (water cooled)	96 kg (water cooled)	23 kg	25 kg	61 kg	90 kg
Advanced Automation Start Settings	-	-	●	●	-	-	-	-	●	●
Pro-Set™	●	●	●	●	●	●	●	●	●	●
Memory Function	-	-	●	●	-	-	-	-	●	●
AC TIG	-	-	-	-	●	●	●	●	●	●
AC TIG Pulse	-	-	-	-	-	-	0.1-500 PPS	0.1-500 PPS	0.1-500 PPS	0.1-500 PPS
DC TIG	●	●	●	●	●	●	●	●	●	●
DC TIG Pulse	0.1-500 PPS	0.1-500 PPS	0.1-5000 PPS	0.1-5000 PPS	0.1-150 PPS	0.1-150 PPS	0.1-500 PPS	0.1-500 PPS	0.1-5000 PPS	0.1-5000 PPS
MMA DC	●	●	●	●	●	●	●	●	●	●
MMA AC	-	-	-	-	-	-	●	●	●	●
CV (SuitCase™ Feeder)	-	-	-	-	-	-	-	●	-	-
AC Balance	-	-	-	-	30, 60-80%	30, 60-80%	30, 50-99%	30, 50-99%	30, 50-99%	30, 50-99%
AC Frequency	-	-	-	-	Fixed at 70 Hz	Fixed at 70 Hz	20-400 Hz	20-400 Hz	20-400 Hz	20-400 Hz
AC Advanced Square Wave	-	-	-	-	-	-	●	●	●	●
AC Soft Square Wave	-	-	-	-	●	●	●	●	●	●
AC Sine Wave	-	-	-	-	-	-	●	●	●	●
AC Triangular Wave	-	-	-	-	-	-	●	●	●	●
Independent EN/EP Amp	-	-	-	-	-	-	●	●	●	●
STD Mode	●	●	●	●	●	●	●	●	●	●
2T Mode	●	●	●	●	●	●	●	●	●	●
4T Mode	●	●	●	●	-	-	●	●	●	●
Special Trigger Modes	●	●	●	●	-	-	●	●	●	●
Tungsten Selection (Automatic start parameter settings)	●	●	●	●	●	●	●	●	●	●
Pre-Gas Setting	●	●	●	●	●	●	●	●	●	●
Initial Amp Setting	●	●	●	●	-	-	●	●	●	●
Adjustable Slope Up	●	●	●	●	-	-	●	●	●	●
Adjustable Slope Down	●	●	●	●	●	●	●	●	●	●
Final Amp Setting	●	●	●	●	●	●	●	●	●	●
Post-Gas Setting	●	●	●	●	●	●	●	●	●	●