



MasterTig 335 ACDC G AU

MT335ACDCGAU

Professional ACDC TIG welder, delivering 300 A from a 3-phase 400 V power supply. Suitable for generator use. VRD is locked on, meaning this model is specifically for the Australian market.

Technical data

Description	Value
Mains connection voltage	380...460 V ± 10 %
Mains connection phases	3~50/60 Hz
Mains connection cable type	4G, H07RN-F
Mains connection cable size	2.5 mm ²
Maximum supply current [I _{lmax}]	12 A...16 A
Effective supply current [I _{leff}]	8 A...11 A
Mains fuse	16 A

Description	Value
No-load voltage (MMA/TIG) [U ₀]	75 V...95 V
No-load voltage (MMA) [U _r]	23 V
No-load voltage (MMA) VRD [U _r VRD]	23 V
Open circuit voltage (MMA) [U _{av}]	23 V
Idle power	20 W
Output, duty cycle % at rated max. current, TIG	40 %
Output at +40 °C, rated max current, TIG	300 A
Output at +40 °C, 60% TIG	230 A
Output at +40 °C, 100% TIG	190 A
Output range, TIG	3 A / 1 V ... 300 A / 38 V
Output range, MMA	10 A / 10 V ... 250 A / 39 V
Power factor at rated maximum current [λ]	0.9
Efficiency at rated maximum current [η]	86 %
EMC class	A
Minimum short-circuit power of supply network [S _{sc}]	1.9 MVA
Arc-on signal for relay	24 V / 50 mA
Stick electrode diameter	1.6 mm...6 mm
Voltage supply for cooling unit	380...460 V
Welding connection type	R1/4
Wired communication type	Analog, Kemppi Remote-Bus
Wireless communication type	Bluetooth
Transmitter frequency and power	2400...2483.5 MHz, 10 dBm
Operating temperature	-20 °C...40 °C
Storage temperature	-20 °C...60 °C
Recommended minimum generator power [S _{gen}]	20 kVA
Degree of protection (fully installed)	IP23S
External dimensions, length	544 mm
External dimensions, width	205 mm
External dimensions, height	443 mm
Weight without accessories	22.5 kg
Standards	IEC 60974-1,-3,-10, IEC 61000-3-12, AS 60974.1-2006,

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	GB 15579.1