



CT SERIES

TIG/MMA/CUT

ZX7=ARC

CT416



Parameter

Parameter/Model	CT312	CT416				
Input Voltage(V)	AC220±15%	AC220±15%				
Frequency(HZ)	50/60	50/60				
Input Power(KVA)	4	4				
No-load Loss(W)	40	40				
Duty Cycle(%)	60	60				
Power Factor	0.73	0.73				
Efficiency(%)	80	80				
Insulation Grade	F	F				
Housing Protection Grade	IP21	IP21				
Net Weihgt(kg)	9	14				
Dimension	371x153x232	432x204x302				
	TIG	MMA	CUT	TIG	MMA	CUT
Rated Input Current(A)	13.8	23.2	14	26.4	34	31
Rated Output Range(A)	120	120	30	160	160	46
Output Current Range(A)	10-120	10-120	15-30	10-160	10-160	20-40
No-load Voltage(V)	55	55	220	62	62	260
Rated Output Voltage	15	25	92	16	26	96
Air Pressure (mPa)	-	-	0.4	-	-	0.4
Air Flow(L/min)	2-5	-	80	2-5	-	80
Max Cutting Thickness(mm)	-	-	12	-	-	16
Arcing Way	HF	Contact	HF	HF	Contact	HF

Product Purchase Guide:

Base Material	Plate Thickness(mm)	Current Range(A)	Applicable Model
Carbon steel, Stainless steel, Low-alloy steel	1.0-3.0	20-110	CT312
	1.0-4.0	20-150	CT416
	0.3-3.0	10-120	CT312
	0.3-4.0	10-160	CT416
	0.3-12.0	15-30	CT312
	0.3-16.0	20-40	CT416

Product Speciality:

1. Multi-function:TIG/MMA/CUT,original design.
2. Easy and reliable operation with electric switch.Economical and enduring.
3. Smooth arc-start,stable welding current and concentrated arc for TIG. Capable in welding various metals.
4. Smooth arc-start,stable welding current for MMA.
5. Simple and convenient for CUTTING,able to cut various metals.
6. Small and light ,easy to move around and to install.
7. Clever circuit design, simple in structure, particular in technique, safe and reliable.



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