

PU-350m/350/400/500 (ac/dc-mig/mag)

PU 350m/350/ 400/500

The PU series AC / DC Inverter for welding aluminum and alloys. These inverters are designed for industrial use with an innovative design and beautiful-looking lines. At the same time, it guarantees great stability and impact resistance. The PU series has been designed to guarantee high-quality welding work and user-friendliness. It is an inverter that has sophisticated functions, but also a smooth user interface. This machine not only delivers excellent welding performance, but also offers the possibility of using two different types of pulse waves, the single pulse and the duo pulse intended for optimum welding results, in a way that the customer wishes. Thanks to the extremely powerful and versatile microprocessor, the PU series is an indispensable tool for welding AC mig / mag.

The PU series fully meets the needs of design and technology, down to the smallest details.

The procedures used in the design, inspection and final testing phases guarantee maximum reliability of the machine, with as few problems as possible after the purchase.



PU 350m

Technology: Inverter
Supply: 3-phase
Type: mig/mag puls

Prior
Welding



16 Kg case

Prior Welding

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PU -serie (ac/dc-mig/mag)

		PU 350 M	PU 350	PU 400	PU 500
welding					
Welding range(I2min.-I2max. U2min-U2max.	A/V	25-320/15,2-30	25-320/15,2-30	25-400/15,2-34	25-500/15,2-39
no load voltage	V 8	1	81	81	81
Duty cycle 100%	A	250	250	320	400
Duty cycle 60%	A	270	270	350	500
ID at max. current 40°C	%	35	35	50	60
steel wire	Ø mm	0,6 - 1,2	0,6 - 1,2	0,6 - 1,2	0,6 - 1,6
aluminium wire	Ø mm	1,0 - 1,2	1,0 - 1,2	1,0 - 1,6	1,0 - 2,4
electrode	Ø mm	1,0 - 6,0	1,0 - 6,0	1,0 - 8,0	1,0 - 8,0
Wire-feed speed	m/min	0,1 - 25	0,1 - 25	0,1 - 25	0,1 - 25
Mains					
Mains voltage 3 (50/60 Hz)	V	400	400	400	400
Mains voltage tolerance range	%	+/- 15	+/- 15	+/- 15	+/- 15
input power S1(100%)	kVA	10,7	10,7	14,3	19
input power S1(60%)	kVA	12,6	12,6	16,1	26,1
input power S1(max. current)	kVA	15,1	15,1	19,4	26,1
Current input I1(100%)	A	15,5	15,5	20,7	27,5
Current input I1(60%)	A 1	8,2	18,2	23,3	37,7
Current input I1 (max. current)	A	21,8	21,8 2	8,1	37,7
power factor	cos	0,99	0,99	0,99	0,99
Mains fuse	A/tr	16	16	32	50
Mains plug	CEE16	CEE16	CEE32	CEE32	CEE32
Machine					
Protection class (EN 60 529)	IP23	IP23	IP23	IP23	IP23
Insulation class	F	F	F	F F	F
Cooling method	F	F	F	F	F
Noise emission	dB(A)	<70	<70	<70	<70
Cooling system					
standard cooling power (l/min)	kW	1,1	1,1	1,1	1,1
maximum pressure	Pmax(bar)	3,5	3,5	3,5	3,5
standard equipment					
wire feed unit	rolls	4	4	4	4
wire feed rolls	mm	1,0/1,2	1,0/1,2	1,0/1,2	1,0/1,2
welding torch		aircooled W	atercooled W	atercooled W	atercooled



Accessories:

- Grounding cable
- Optional Mig package
- Reducer



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