

# 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

Venvulas Lastechniek

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

		PU 350 M	PU 350	PU 400	PU 500
<b>welding</b>					
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
<b>Mains</b>	V	400	400	400	400
Mains voltage 3 (50/60 Hz)	%	+/- 15	+/- 15	+/- 15	+/- 15
Mains voltage tolerance range	kVA	10,7	10,7	14,3	19
input power S1(100%)	kVA	12,6	12,6	16,1	26,1
input power S1(60%)	kVA	15,1	15,1	19,4	26,1
input power S1(max. current)	A	15,5	15,5	20,7	27,5
Current input I1(100%)Current	A 1	8,2	18,2	23,3	37,7
input I1(60%)	A	21,8	21,8 2	8,1	37,7
Current input I1 (max. current)	cos	0,99	0,99	0,99	0,99
power factor	A/tr	16	16	32	50
Mains fuse	CEE16	CEE16	CEE32	CEE32	CEE32
Mains plug					
<b>Machine</b>	IP23	IP23	IP23	IP23	IP23
Protection class (EN 60 529)	F	F	F	F F	F
Insulation class	F	F	F	F	F
Cooling method	dB(A)	<70	<70	<70	<70
Noise emission					
<b>Cooling system</b>	kW	1,1	1,1	1,1	1,1
standard cooling power (l/min)	Pmax(bar)	3,5	3,5	3,5	3,5
maximum pressure					
standard equipment	rolls	4	4	4	4
wire feed unit	mm	1,0/1,2	1,0/1,2	1,0/1,2	1,0/1,2
wire feed rolls		aircooled W	atercooled W	atercooled W	atercooled
welding torch					



## Assecoires:

Grounding cable  
Optional Mig package  
Reducer



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