

# ENERGY PASS

<b>MANUFACTURER</b>		Fronius	
<b>TYPE</b>		Welding power source	
<b>DESCRIPTION</b>		TPS 500i /MV/nc TPS 500i PULSE /MV/nc	
<b>WELDING PROCESS</b>		MIG/MAG	
<b>MAINS VOLTAGE</b>	3x	230 V	460 V
<b>RATED NO-LOAD VOLTAGE</b>		68 V	68 V
<b>NO-LOAD POWER CONSUMPTION</b>		45 W	34 W
<b>DATA 40% DUTY CYCLE</b>	welding current ( $I_2$ )	500 A	
	working voltage ( $U_2$ )	39.0 V	
	primary power ( $S_1$ ) <sup>1)</sup>	25,10 kVA	26,29 kVA
<b>DATA 100% DUTY CYCLE</b>	welding current ( $I_2$ )	360 A	
	working voltage ( $U_2$ )	32.0 V	
	primary power ( $S_1$ ) <sup>1)</sup>	15,54 kVA	16,73 kVA
<b>EFFICIENCY <math>\eta</math></b>		86 %	89 %

<sup>1)</sup>The apparent power  $S_1$  is dependent on the impedance of the point of connection and may therefore deviate from the specification.

All data according to standard EN 60974-1. Values may vary, depending on applied welding processes.

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