

# ENERGY PASS

<b>MANUFACTURER</b>		Fronius	
<b>TYPE</b>		Welding power source	
<b>DESCRIPTION</b>		TPS 400i TPS 400i /nc TPS 400i PULSE TPS 400i PULSE /nc	
<b>WELDING PROCESS</b>		MIG/MAG	
<b>MAINS VOLTAGE</b>	3x	400 V	460 V
<b>RATED NO-LOAD VOLTAGE</b>		72 V	82 V
<b>NO-LOAD POWER CONSUMPTION</b>		29 W	33 W
<b>DATA 40% DUTY CYCLE</b>	welding current ( $I_2$ )	400 A	
	working voltage ( $U_2$ )	34.0 V	
	primary power ( $S_1$ ) <sup>1)</sup>	18,01 kVA	19,12 kVA
<b>DATA 100% DUTY CYCLE</b>	welding current ( $I_2$ )	320 A	
	working voltage ( $U_2$ )	30.0 V	
	primary power ( $S_1$ ) <sup>1)</sup>	11,09 kVA	11,95 kVA
<b>EFFICIENCY <math>\eta</math></b>		90 %	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. Fronius accepts no liability for typographical, spelling or content errors. Similarly, Fronius accepts no liability for any mains voltage fluctuation values with the products.