

# ENERGY PASS

<b>MANUFACTURER</b>		Fronius
<b>TYPE</b>		Welding power source
<b>DESCRIPTION</b>		TPS 600i /600V/nc TPS 600i PULSE /600V/nc
<b>WELDING PROCESS</b>		MIG/MAG
<b>MAINS VOLTAGE</b>	3x	575 V
<b>RATED NO-LOAD VOLTAGE</b>		74 V
<b>NO-LOAD POWER CONSUMPTION</b>		62 W
<b>DATA 60% DUTY CYCLE</b>	welding current ( $I_2$ )	600 A
	working voltage ( $U_2$ )	44.0 V
	primary power ( $S_1$ ) <sup>1)</sup>	48,80 kVA
<b>DATA 100% DUTY CYCLE</b>	welding current ( $I_2$ )	500 A
	working voltage ( $U_2$ )	39.0 V
	primary power ( $S_1$ ) <sup>1)</sup>	37,85 kVA
<b>EFFICIENCY <math>\eta</math></b>		90 %

<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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