

ENERGY PASS

MANUFACTURER		Fronius
TYPE		Welding power source
DESCRIPTION		TPS 500i /600V/nc TPS 500i PULSE /600V/nc
WELDING PROCESS		MIG/MAG
MAINS VOLTAGE	3x	575 V
RATED NO-LOAD VOLTAGE		68 V
NO-LOAD POWER CONSUMPTION		39 W
DATA 40% DUTY CYCLE	welding current (I_2)	500 A
	working voltage (U_2)	39.0 V
	primary power (S_1) ¹⁾	31,87 kVA
DATA 100% DUTY CYCLE	welding current (I_2)	360 A
	working voltage (U_2)	32.0 V
	primary power (S_1) ¹⁾	19,92 kVA
EFFICIENCY η		90 %

¹⁾ 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.