

ENERGY PASS

MANUFACTURER		Fronius	
TYPE		Welding power source	
DESCRIPTION		TPS 500i TPS 500i /nc TPS 500i PULSE TPS 500i PULSE /nc	
WELDING PROCESS		MIG/MAG	
MAINS VOLTAGE		3x 400 V	460 V
RATED NO-LOAD VOLTAGE		72 V	82 V
NO-LOAD POWER CONSUMPTION		29 W	33 W
DATA 40% DUTY CYCLE	welding current (I_2)	500 A	
	working voltage (U_2)	39.0 V	
	primary power (S_1) ¹⁾	26,33 kVA	27,89 kVA
DATA 100% DUTY CYCLE	welding current (I_2)	360 A	
	working voltage (U_2)	32.0 V	
	primary power (S_1) ¹⁾	16,63 kVA	17,53 kVA
EFFICIENCY η		89 %	89 %

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.