

ENERGY PASS

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

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