



**General Specifications for  
DS Ultrasonic Generator  
25KHz, 40KHz and 68KHz**

**Form Factor**                      Single 19" - module (14TE) designed for installation in housings  
28TE-1, 42TE-2, 63TE-3 and 84TE-5

<b>Output</b>	<b>Model</b>	<b>Frequency (approx.)</b>	<b>Sweep range (Hz)</b>	<b>Sweep rate (Hz)</b>
	DS2-xxxx-yz	25KHz	±1000	100
	DS4-xxxx-yz	40KHz (Vibra-bar)	±1000	100
	DS4-xxxx-yzRB	40KHz (Round-bar)	±1000	100
	DS6-xxxx-yz	68KHz	±1000	300

xxxx :        250 / 500 / 750 / 1000 watts of output power

y :            3 / 6 / 9 / 12 pairs of transducer at load

z :            blank - 120V, E - 230V input voltage

Note : DS2 available for 250W and 500W output powers only

**Output Power Regulation**                      ± 5%

**Mains Supply**                      28TE-1 housing, AC230V ± 10%, 50/60Hz, 1Ph/N/P/E, 1x16A  
42TE-2 housing, AC230V ± 10%, 50/60Hz, 1Ph/N/P/E, 1x16A  
63TE-3 housing, AC400/200V ± 10%, 50/60Hz, 3Ph/N/PE, 3x16A  
84TE-5 housing, AC400/200V ± 10%, 50/60Hz, 3Ph/N/PE, 3x32A

Note : For 750W and 1000W models use 28TE-1 housing only

<b>Power Consumption</b>	<b>Output Power</b>	<b>Consumption (approx.)</b>
	250W	350 VA
	500W	750 VA
	750W	1100 VA
	1000w	1400 VA

<b>Electrical Connections</b>	1-Phase mains supply	mains plug CEE 7/7
	3-Phase mains supply	mains plug IEC60309 3-Ph / PE - 6h, 16A / 32A
	HF Connection	≤ 500W : BNC-HV, shielded cable ≥ 750W : Amphenol-97 Series, 8P, female (3-core shielded cable)
	Interface (analog)	DSUB-25P , female
	Interface (serial comm.) - RS485 / RS232	DSUB-9P, female

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