

## ITB.e technical data

Rating (kVA)	5	10	15	20	30	40	50	60	80	100	120	160	200
Nominal power (kW)	4	8	12	16	24	32	40	48	64	80	96	128	160

### Input

DC input voltage available input DC voltages vary with requested output AC voltages and rating  
(see the table below)

Output voltage	200÷220 Vac	110 Vdc (90÷160 Vdc range) 220 Vdc (180÷300 Vdc range)	-
	380÷415 Vac	110 Vdc (90÷160 Vdc range) 220 Vdc (180÷300 Vdc range)	220 Vdc (180÷300 Vdc range)
Bypass input voltage	200/208/220 or 380/400/415 Vac 3-phase ±20% (adjustable according to inverter output voltage)		

### Output

Nominal voltage	200/208/220/380/400/415 (optional 480) Vac 3-phase
Frequency	50/60 Hz (selectable)
Voltage regulation	±1% static; ±5% dynamic (80% load change), <40 ms recovery time
Overload capacity	125% for 10 min; 150% for 1 min; 200% for 100 ms
Harmonic Distortion THDv	<2% linear load; <5% non-linear load

### System

Isolation	Battery to load isolation included; input/output isolation available with additional bypass transformer
Dimensions WxD (mm)	Height is 2100 mm, width and depth vary with input voltage and rating (see the table below)

Rating	5	10	15	20	30	40	50	60	80	100	120	160	200
Input voltage	110 Vdc	600x800			800x800			800x800* 100x800 <sup>-</sup>	100x800	1000x1000	1400x1000	-	
	220 Vdc	600x800			600x800* 800x800 <sup>-</sup>			800x800		800x800* 1000x800 <sup>-</sup>	1000x800		1000x1000
Maximum weight (kg)	325	370	415	450	520	570	640	690	750	850	880	920	1020
Cooling	Forced ventilation												
Efficiency	94%												
Colour	RAL 7035												
Protection degree (IEC 60529)	IP20 (other options)												

\* 400 Vac    <sup>-</sup> 208 Vac