

IMB.e technical data

Rating (kVA)	5	10	15	20	30	40	50	5	10	15	20	30	40	50	60	80	100
Nominal power (kW)	4	8	12	16	24	32	40	4	8	12	16	24	32	40	48	64	80
Input																	
DC input voltage	110 Vdc (90÷160 Vdc range)							220 Vdc (180÷300 Vdc range)									
Bypass input voltage	110/115/120 or 220/230/240 Vac 1-phase ±20% (adjustable according to inverter output voltage)																
Output																	
Nominal voltage	110/115/120/220/230/240 Vac 1-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 output rated power and voltage (see the table below)																
Rating	5	10	15	20	30	40	50	5	10	15	20	30	40	50	60	80	100*
Output voltage	110÷120 Vac	600x800		800x800		1000x800		600x800				800x800		1000x800		1400x800	
	220÷240 Vac	600x800		800x800		1000x800		600x800				800x800		1000x800		1400x800	
Maximum weight (kg)	320	360	400	440	500	550	610	320	360	400	440	470	500	550	600	730	830
Cooling	Forced ventilation																
Efficiency	94%																
Colour	RAL 7035																
Protection degree (IEC 60529)	IP20 (other options)																