

Technical Data MIZAR series

MODEL	BM-2	BM-3	BM-4	BM-5	BM-6	BM-7	BM-10
Power - kVA	2	3	4	5	6.5	7.5	10
Input							
Phases	Monophase						
Voltage	230 V ± 20%						
Frequency	50 Hz ± 5%						
Output							
Wave-form	SINE WAVE						
Harmonic distortion	< 2%						
Crest factor (non-linear load 75%)	2 : 1						
Voltage	230 V ± 1%						
Frequency	50 Hz ± 0.2%						
Overload	125% for 10 min, 150% for 1 min, 200% for 0.1 sec.						
Efficiency (AC-AC)	> 92%						
Static switch mains-ups	Transfer time < 2 ms						
Batteries							
Type	Sealed lead-acid						
No. batteries	6 (12 V 12 Ah)	10 (12 V 12 Ah)	13 (12 V 12 Ah)	16 (12 V 12 Ah)	20 (12 V 12 Ah)	13 (12 V 18 Ah)	13 (12 V 28 Ah)
Vdc voltage	72	120	156	192	240	156	
Restored energy time	4 hours for 90% charge level						
Stored energy time - min	20						
Protections	Overload, overtemperature, min/max battery voltage, min/max input voltage, min/max inverter voltage, synchronism						
Short-circuit	With electronic protection						
EMI Suppression	EMI/RFI Filter						
Signals							
LED	Mains, Output, Battery, Overload, Fault					On, Stand-by, Fault	
Display	Optional					Standard	
Acoustic	Battery mode, low battery, overload, overtemperature, fault						
Computer interface	RS232 - RS485 - SNMP - CAN (optional)						
Environmental							
Temperature	0°C ÷ 50°C						
Non-condensing humidity	0% ÷ 90%						
Noise (at 1 m)	< 60 dBA						
Dimensions							
W x D x H - mm	270 x 630 x 730			450 x 620 x 730			550 x 600 x 1000

Weight - kg	70	90	110	130	160	190	230
UPS Classification according EN 62040-3	Class VFI						
CE Marking	EEC 73/23; EEC 89/336; EEC 92/31						
Compliance with the standards	UPS: EN 60146-1-1, EN 62040-1-1, EN 62040-1-2, EN 62040-2, EN 62040-3, EN 60742; EMC: 89/336, 92/31; Low voltage: 73/23, 93/68						



Factory - Head Office

S. P. km 5,3 C/da San Cusumano - 91100 Trapani - Italy

Tel. +39 0923 562794 - Fax +39 0923 567880

[Http://www.layer.it](http://www.layer.it) - E-mail: layer@layer.it