

MACAN - DATA SHEET

	Model	MACAN 1000	MACAN 2000	MACAN 3000
	Capacity (VA/W)	1000/900	2000/1800	3000/2700
INPUT	Nominal Voltage	208V / 220V / 230V / 240V		
	Voltage Range	From 120V to 300V		
	Frequency Range	From 45Hz to 65 Hz		
OUTPUT	Voltage	208V / 220V / 230V / 240V ±2% (selectable)		
	Frequency	50Hz / 60Hz ±0.25Hz		
	Waveform	Sinewave		
	Harmonic Distortion	≤ 4% with non linear load, ≤ 2% with linear load		
	Efficiency	89% - 92%		
	Crest Factor	3:1		
	Connections	n°4 IEC C13	n°4 IEC C13 + n°1 IEC C19	
PROTECTIONS	Overload	UPS automatic power off if overload exceeds 106% to 120% of nominal at 30 seconds; 121% to 150% for 10 seconds		
	Short Circuit	UPS output cut off immediately or protected by input fuse or circuit breaker		
	Tele-communication	n°2 RJ45		
	Alarm	Buzzer beeps under backup mode, battery low, battery charging fault, and overload		
BATTERIES	Type	Sealed, maintenance-free lead acid battery		
	Typical Recharge Time	4 hours for 90%		
	Battery Quantity	12V 7Ah*3	12V 7Ah*6	12V 7Ah*8
	Charging Current	1A		
	Charging Voltage	41,0 VDC ± 1%	82,1 VDC ± 1%	109,4 VDC ± 1%
	Backup time (100% load)	3-4 minutes		
	Protection	Spegnimento per batteria scarica senza consumo di corrente.		
GENERAL	Dimension (W*D*H)	357*144*229mm	386*190*332mm	435*190*332mm
	Net weight	12.4kg	23.2kg	27.6kg
	Display	LCD - input / output voltage and frequency, on-line mode, backup mode, battery capacity, load level		
	Communication Interface	RS232, USB, SNMP (optional).		
	Noise	< 45dBA at 1m	< 50dBA at 1m	
	Ambient Temperature	da +0°C a +40°C		
	Storage Temperature	da -20°C a +50°C		
	Altitude	2000mt max		
	Humidity	0-95% non-condensing		

*Last Update: 19/02/2016