

Marathon on-line 1000-3000VA



ON-LINE



Specifications

- On-line “double conversion” technology (VFI)
- Perfect for very long backup time (Marathon)
- DSP (Digital Signal Processor) technology
- Internal static and manual bypass
- Intelligent management through USB-interface
- Site wiring fault indication
- Wide input voltage range
- Battery (DC) cold start
- Self testing at UPS startup
- Bypass voltage range can be set
- RJ45/11 network protection
- Input PFC up to 0.99
- Software and USB cable included

Options:

- SNMP card
- Dry contacts/relay
- Marathon XL on request

- 2 years warranty

Applications



2 Sizes and 3 Power levels



2000/3000VA 1000VA

Backup time table (with external battery pack)

		Load in Watt									
UPS with battery pack		150W	300W	400W	600W	800W	1000W	1200W	1600W	2000W	2400W
Marathon 1000VA	BP0265-6A	460min	210min	150min	90min	60min					
	BP02100-12A	750min	360min	240min	160min	100min					
Marathon 2000VA	BP0465-6A	1300min	560min	330min	210min	160min	120min	90min	60min		
	BP04100-12A	2100min	1000min	600min	380min	260min	210min	160min	100min		
Marathon 3000VA	BP0665-6A	2000min	850min	600min	400min	250min	190min	150min	100min	85min	60min
	BP06100-12A	3300min	1450min	1000min	650min	420min	320min	260min	180min	150min	100min

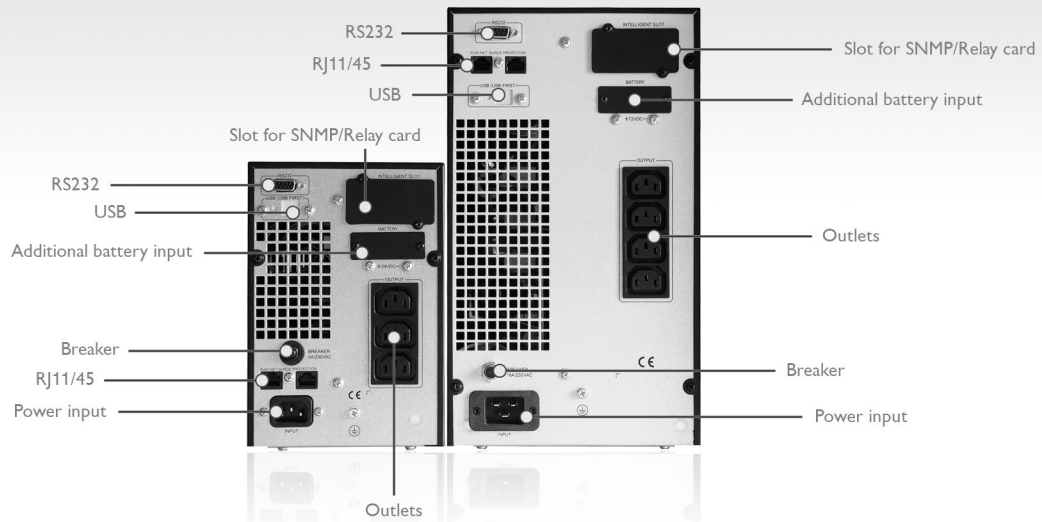
Backup times in minutes

Dimensions (DxWxH) and weight :
 BP0265-6A : 462x470x350mm,54kg
 BP02100-12A : 462x470x350mm,68kg
 BP0465-6A : 462x480x660mm,107kg
 BP04100-12A : 462x480x660mm,136kg
 BP0665-6A : 630x480x660mm,153kg
 BP06100-12A : 630x480x660mm,197kg

Cabinet for 6 batteries

Cabinet for 2 batteries





Marathon On-line	Model		
	1000VA	2000VA	3000VA
Power (Watt)	800W	1600W	2400W
Technology	On-line		
— Input			
Minimum voltage	160/115Vac (at 100/50% load)		
Maximum voltage	290/295Vac (at 100/50% load)		
Frequency	45-55Hz for 50Hz or 55-65Hz for 60Hz (auto-sensing)		
Input power factor	≥ 0.99		
Bypass voltage range	186-252Vac		
— Output			
Voltage	208/220/230/240Vac selectable		
Waveform	Pure sine wave		
Frequency	50/60Hz +/-0,2%		
Voltage regulation	+/-2% at nominal voltage		
Crest factor	3:1		
Efficiency at 75-100% load	>88% (AC mode) / >90% (battery mode) / >94% (ECO mode)		
— Battery (external)			
Type	VRLA, AGM		
Voltage	24Vdc	48Vdc	72Vdc
Internal charger power (without batteries)	6A or 12A		
— Protection			
RJ11/45 protection	Yes		
Input / Output	Overvoltage, short-circuit, battery deep discharge, thermal protection		
Overload in battery mode	101-150% : 30sec, > 150% : 300msec before inverter cutt off		
Overload in AC mode	101-150% : 30sec, > 150% : 300msec before switching to bypass		
— Alarms - informations			
Audible	Battery backup, battery low, overload status, fault		
LED	Battery backup, battery low, overload status, fault		
LCD	Input & output voltage, load %, battery voltage, error codes		
— Bypass			
Type	Internal (automatic) static bypass (external manual bypass optional)		
— Standard			
Certificate	CE		
— Environment			
Temperature / Altitude / Humidity	0-40°C / less than 1500m / 0-95%		
Audible noise at 1m	<50dB		
— Interface			
Standard	RS232 / USB (software included)		
Optional	SNMP / Relay card (dry contacts)		
— Dimensions			
Weight (without batteries)	5,5kg	10kg	
WxDxH	144x361x215mm	191x428x337mm	

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