



## GE Digital Energy

# Match

## Uninterruptible Power Supply (UPS)



Match 500-3000 VA



Match 700-3000 VA 19"

### Match 500-3000 VA

The GE Match series is a line-interactive, intelligent and rugged UPS, designed for cost-critical applications. All units are microprocessor controlled and have standard RS232 communications. They are used in a wide range of IT networking and telecommunications applications. Extended runtime versions are also available.

#### FEATURES & BENEFITS

- Automatic Voltage Regulation
- Excellent high voltage protection up to 350 Vac
- Low "green" power consumption
- Optimized sine wave output, avoiding peak currents that can damage electronics and batteries
- Automatic battery test, automatic boostcharge with two-hour recharge time and low battery temperature

#### APPLICATIONS

- Servers, hubs, switches and routers
- PCs and work stations
- Cash registers, fax, modems and ISDN adapters

### Match 700-3000 VA 19"

The GE Match 19" is a rackmount microprocessor controlled line-interactive UPS. The high efficiency of this UPS leads to significant power savings over the lifetime of the product.

#### FEATURES & BENEFITS

- Front accessible batteries for easy replacement
- Only 440 mm depth leaving space for connectors and cables
- Easy connection of battery packs for extended runtime
- Specially designed enclosure optimized for 19" racks

#### APPLICATIONS

- Internet servers
- Network components
- Process and telecom industry

## Technical Specifications

Model	ML 500	M500	M700	M1000	M1500	M2200	M3000	M700L	M1000L
Rackmount 19"			✓	✓	✓	✓	✓		
Rating (VA/W)	500/300	500/300	700/420	1000/600	1500/900	2200/1540	3000/2100	700/420	1000/600
Battery (V/Ah)	12/7	12/7	24/7	36/7	36/12	36/14	48/14	36/12	36/12
Backup time at typical load (min)	7	7	12	13	16	7	7	40	28
DC connector						✓	✓		
Enclosure*	A	B	B/G	C/G	C/G	D+D/H	D+D/H	C	C
Net weight incl. batteries (kg)*	7.4	7.2	10.0/19	16.5/22	20.8/26	18.0+21.3/50	20.1+26.5/57	20.8	20.8
Input voltage (VAC): 70% load	165-275	165-275	165-275	165-275	165-275	165-275	165-275	165-275	165-275
Input frequency	50 or 60Hz +/-5%								
Output voltage	230V +/-2% (battery operation)								
Output frequency	50 or 60Hz, autosensing								
Number of IEC 320 outlets*	2	3	3/6	4/6	4/6	7/9	7/9	4	4

### Options

Manual service bypass	✓	✓	✓	✓	✓	✓	✓	✓	✓
Additional battery packs						✓	✓		
Plug in relay card				✓	✓	✓	✓	✓	✓
Plug in SNMP card				✓	✓	✓	✓	✓	✓
Alarm box		✓	✓	✓	✓			✓	✓
Splitter box		✓	✓	✓	✓			✓	✓
Interface kits	✓	✓	✓	✓	✓	✓	✓	✓	✓

Specifications subject to change without notice.  
\*Standard/19" unit

### Operating characteristics

Operating temperature	: -10 to 40° C
Relative humidity	: 95% non-condensing
Audible noise	: 35 - 45 dB(A)

### Communication interface

RS 232
Plug and Play (except ML500)
Open Collector alarm contacts: model dependent

### Enclosures: (hwxwd)

A: 150x102x300mm	E: 225x185x430mm
B: 144x155x350mm	F: 293x220x557mm
C: 225x180x360mm	G: 133.5(3HU)x450(19")x440mm
D: 225x187x485mm	H: 267(6HU)x450(19")x440mm

### General design criteria

Safety	: EN 50091-1-1; EN 60950; IEC 950
EMC	: EN 50091-2
Protection Degree	: IP20



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