

GE Consumer & Industrial Power Protection

The GE Digital Energy™ SitePro family of high-performance UPS systems provides critical power protection for a range of applications. All SitePro models operate in a double conversion mode (providing true on-line operation), thus providing the highest levels of power reliability. Each UPS is fully compliant with international standards regarding Voltage Frequency Independent (VFI) operation. True VFI technology makes the GE SitePro an extremely reliable UPS for data security and other demanding critical applications.

This continuous on-line UPS is available in models from 10 kVA up to 500 kVA. For high-power redundant applications,

the GE SitePro can be installed with up to eight units in parallel, achieving power protection up to 4 MVA. The systems are controlled in a true peer-to-peer configuration with redundancy in all critical elements and functions utilizing GE Digital Energy's exclusive Redundant Parallel Architecture™ (RPA™) technology. This advanced technology provides the highest possible system reliability for mission critical applications without single points of failure.

The GE SitePro family is supported by world-class training, power quality applications support, and 24 x 7 global services.

features & benefits

- High output power factor eliminates need for UPS oversizing
- Constant high efficiency at full and partial load
- Superior Battery Management (SBM) to enhance battery life and to prevent battery failure
- Super ECO Mode for energy savings
- Extremely low output distortion even at non-linear loads
- Highest levels of reliability and flexibility with Redundant Parallel Architecture™ (RPA™)
- Best in class for variable load applications
- Various operation modes: double conversion; voltage and frequency stabilizer; frequency converter
- Galvanic isolation which provides additional critical power protection
- UPS monitoring and protection software
- Backfeed protection standard included providing a safe work environment

applications

- Computer and data centers
- Call centers
- Manufacturing and process control units
- Medical equipment and healthcare facilities
- Broadcast and satellite transmission systems
- Transport systems
- Fixed and mobile voice and data transmission systems
- Emergency lighting systems
- Security systems
- Financial systems and services

Digital Energy™ SitePro Series UPS

10-500 kVA three phase 400 Vac
Uninterruptible Power Supply (UPS)



SitePro 60-120 kVA



GE imagination at work

technical specifications

Topology : True on-line, double conversion (VFI) with integral static switch and internal service bypass
 Technology : Advanced IGBT with SVM strategy, microprocessor controlled at optimal switching frequency
 Operating Modes : True on-line double conversion, Super ECO Mode, voltage and frequency stabilizer, frequency converter, RPA up to 8 units

Output power rating (kVA)	10	15	20	30	40	60	80*	100*	120*	150**	200**	250	300	400	500
Output power factor	1	1	1	1	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Output power rating (kW)	10	15	20	30	40	54	72	90	108	135	180	225	270	360	450
Dimensions (w x d x h, mm)	680x800x1450					***	1100x800x1450			1100x800x1800		1550x800x1800		2600x800x1800	
Weight without batteries (kg)	240	290	290	320	350	475	670	745	750	930	1000	1450	1550	2725	2950
Audible noise (db(A))	48	50	50	55	60	60	63	63	63	65	65	68	68	70	70
Input voltage	3x380/400/415Vac + N														
Input frequency	50/60 Hz +/- 10%														
Output voltage (sinusoidal)	3x380/400/415Vac + N														
Output frequency	50/60 Hz														
Output distortion at linear load	< 2%														
Output distortion at non-linear load	< 3%														
Crest factor	> 3:1														
Overload capability on inverter	125% 10 min., 150% 1 min. (400-500 kVA 30 sec.)														
Output voltage regulation															
- static	+/- 1%														
- dynamic	+/- 3%														
Efficiency - double conversion mode	up to 94.5%														
- Super ECO mode	up to 98%														
Backfeed protection	standard														
Ambient operating temperature	0 - 40 °C (32-104 °F)														
Colour	RAL 9010, white														
Protection degree	IP 20														
EMC standards	EN 50091-2 / IEC 62040-2														
Standard interfaces	RS232; 6 programmable alarm contacts														

* available till November 2004 *** = 750x800x1450

** available till March 2005

These models will be replaced by SG Series UPS

Contact your sales representative for more information

Specifications subject to change without prior notice



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