GE
Digital Energy

The GE Digital Energy's 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 10-40 kVA. For high-power redundant applications, the GE SitePro can be installed with up to eight units in parallel, achieving power protection up to 320 kVA. 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 Digital Energy's SitePro family is supported by world-class training, power quality applications support, and 24 x 7 global services.

features & benefits

- High output power factor diminishes 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

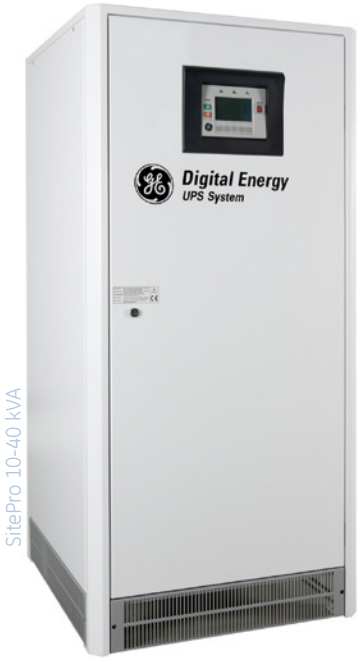
Digital Energy

SitePro UPS

10-40 kVA three phase 400 Vac

Uninterruptible Power Supply (UPS)

imagination at work



SitePro 10-40 kVA

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
Output power factor	1	1	1	1	1
Output power rating (kW)	10	15	20	30	40
Dimensions (w x d x h, mm)	680x800x1450				
Weight without batteries (kg)	240	290	290	320	350
Audible noise (db(A))	55	58	58	60	63
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.				
Output voltage regulation					
- static	+/-1%				
- dynamic	+/-3%				
Efficiency - double conversion mode	up to 92%				
- Super ECO mode	up to 98%				
Backfeed protection	standard				
Ambient operating temperature	0 - 40 °C (32-104 °F)				
Colour	RAL 9003, white				
Protection degree	IP 20				
EMC standards	EN 50091-2 / IEC 62040-2				
Standard interfaces	RS232; 6 programmable alarm contacts				

Specifications subject to change without prior notice

Certified
Quality System
ISO 9001

CE

imagination at work

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