



## GE Digital Energy

### SitePro® Uninterruptible Power Supply (UPS)

The GE 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.



SitePro® 60 kVA

#### 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
- Extremely low output distortion even at non-linear loads
- Best in class for variable load applications
- Highest levels of reliability and flexibility with Redundant Parallel Architecture™ (RPA™)
- Various operation modes: double conversion; voltage and frequency stabilizer; frequency converter; Intelligent Energy Management™ (IEM™)
- Galvanic isolation which provides additional critical power protection
- UPS monitoring and protection software

#### 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

## Technical Specifications-CE approved

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, IEM™ for RPA™, voltage and frequency stabilizer, frequency converter, RPA up to eight units															
<b>Output Power Rating kVA</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>60</b>	<b>80</b>	<b>100</b>	<b>120</b>	<b>150</b>	<b>200</b>	<b>250</b>	<b>300</b>	<b>400</b>	<b>500</b>	
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 WxDxH (mm)	680x800x1450					750x800x1450	1100x800x1450			1100x800x1800			1550x800x1800		2600x800x1800	
Weight (without batteries) kg	240	290	290	320	350	475	670	745	750	930	1000	1450	1550	2725	2950	
Noise Level (DIN45630) dB(A)	48	50	50	55	60	60	63	63	63	65	65	68	68	70	70	
Input voltage	3x380-400-415V + N															
Input frequency	50/60Hz +/-10%															
Output voltage (sinusoidal)	3x380-400-415V + N															
Output frequency	50/60Hz															
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	<ul style="list-style-type: none"> <li>• static +/- 1%</li> <li>• dynamic +/- 3%</li> </ul>															
Overall efficiency at 100% load (double conversion mode)	up to 94.5%															
Overall efficiency at 100% load (IEM mode for single units)*	up to 97%															
Ambient operating temperature	0-40°C (32°-104°F)															
Color	RAL 9010 (white)															
Protection degree	IP20															
EMC standards	EN 50091-2/IEC 62040-2															
Standard Interfaces	RS232; alarm contacts; programmable relays															

Specifications subject to change without notice. \*10-40kVA power range only



## Technical Specifications-UL approved

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, IEM™ for RPA™, voltage and frequency stabilizer, frequency converter, RPA up to eight units															
<b>Output Power Rating kVA (at PF = 0.60 – 0.9 lag)</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>60</b>	<b>80</b>	<b>100</b>	<b>120</b>	<b>150</b>	<b>200</b>	<b>250</b>	<b>300</b>	<b>400**</b>	<b>500**</b>	
Output Power Rating kW	10	15	20	30	36	54	72	90	108	135	180	225	270	360	450	
Dimensions WxDxH (inches)	27x32x57					29x32x57	43x32x57			43x32x71			61x32x71		102x32x71	
Weight (lbs)	816	1,014	1,080	1,245	1,411	1,047	1,654	1,841	1,896	2,040	2,194	3,197	3,417	5,593	6,393	
Noise Level dB(A)	48	50	50	55	60	60	63	63	63	65	65	68	68	70	70	
Input voltage	3x208/120 + Neutral					3x480/277 + Neutral										
Input frequency	60/50 Hz +/-10%															
Output voltage	3x208/120 + Neutral					3x480/277 + Neutral										
Output frequency	60/50 Hz															
Output distortion at linear load	<2%															
Output distortion at non-linear load	<3%															
Overload capability on inverter	125% 10 min., 150% 1 min.															
Overall efficiency at 100% load (double conversion mode)	up to 90%					up to 93%					up to 94.5% at 50% load, up to 92.9% at 100% load					
Immunity and RFI Protection	EN 50091-2/IEC 62040-2															
Standard Connectivity	RS232; alarm contacts; programmable relays (SNMP optional)															

Crest factor, output voltage regulation, color, and protection degree are the same as specified for the CE models. Specifications subject to change without notice.

\*\*Available late 2002.



**GE Digital Energy**

Via Cantonale 50  
6595 Riazzino (Locarno)  
Switzerland  
+41 (0) 91.850.51.51

2018 Powers Ferry Road SE  
Suite 500  
Atlanta, GA 30339 USA  
866.GEDE.UPS (866.433.3877)