SMARTPOWER

UPS



- * True on-line technology provides all power protection
- * Wide input voltage range
- * Short circuit and overload protection
- * Pure sine-wave output with less than 3% THD
- * Digital microprocessor 5th generation
- * Cold start function (DC power on)
- * Lightning and surge protection
- * Automatic battery charge in UPS off mode
- * RS-232 comms port with monitoring software
- * Hot swappable battery user
- * Battery protection alarm function
- * RJ45 LAN Network protection
- * Adopt advanced IGBT large rating parts
- * Indicator LED's of all functions



Capacity 1000 V/N 700W 700W 700W 700W 700W 700W 700W 700	MODEL	MODEL#
Technology On line, double conversion topology with automatic bypass INPUT Phase Phase Single phase with ground Voltage 110/120VAC Frequency 55 - 65Hz Power Factor >0.95 OUTPUT Voltage Voltage 120V +/- 2% Frecuency 60 Hz +/- 2% Voltage Distortion 55 * 65Hz Stability Frecuency Acquisition Voltage Distortion 55 * 7 HD at full inon-linear load, Stability Fill load +/- 3% Frecuency Regulation -0.25 Hz (Battery or free running mode) Power Factor 0.7 LAG Transfer Time 2ero Transfer Time Output Waveform Sine wave Connection Output Receptacles 3 x 15R (US) Creast Factor >3:1 Efficiency >0.35 BATTERY Battery Type Battery Type 12V7AH Number of Batteries 3 Backup time/ full load 9 min GENERAL INFORMATION -15 C to +15 C		
NPUT Phase Single phase with ground Voltage 110/120VAC Frequency 55 - 65Hz Power Factor >0.95 Power Factor >0.95 Power Factor Voltage 120V +/- 2% Frecuency 60 Hz +/- 2% Voltage Distortion 45% THD at full inon-linear load, 43% THD at full linear load 47.0% Frecuency 80 Hz +/- 0.25 Hz (Battery or free running mode) Power Factor 0.7L AG Transfer Time Zero Transfer Time Zero Transfer Time 200 Transfer Time 20	Capacity	1000 VA/ 700W
Phase Single phase with ground Voltage 110/120VAC Frequency 55 - 65Hz Power Factor >0.95 OTPUT Voltage 120V +/- 2% Frecuency 60 Hz +/- 2% Voltage Distortion <5% THD at full innear load Stability Full load +/- 3% Frecuency Regulation +/- 0.25 Hz (Battery or free running mode) Power Factor 0.7LAG Transfer Time Zero Transfer Time Output Waveform Sine wave Connection Output Receptacles 3 x 15R (US) Creast Factor >3:1 Efficiency >0.85 BATTERY Battery Type 12V7AH Number of Batteries 3 3 Backup time/full load 9 min GENERAL INFORMATION Ambient Temperature +15 C to +25 C Storage Temperature -15 C to +15 C Cooling Forced air cooling Humidity 0.95%, non-condensing Audible Noise 45 dB normal and battery mode <th< td=""><td>Technology</td><td>On line, double conversion topology with automatic bypass</td></th<>	Technology	On line, double conversion topology with automatic bypass
Voltage 110/120VAC Frequency 55 - 68Hz Power Factor >0.95 OUTPUT Voltage 120V +/-2% Frecuency 60 Hz +/-2% Voltage Distortion <5% THD at full inon-linear load,	INPUT	
Frequency 55 - 65Hz Power Factor >0.95 OUTPUT Voltage Yoltage 120V +/- 2% Frecuency 60 Hz +/- 2% Voltage Distortion <5% THD at full inon-linear load,	Phase	Single phase with ground
Power Factor >0.95 OUTPUT Yoltage 120V +/- 2% Freecuency 60 Hz +/- 2% Voltage Distortion <5% THD at full non-linear load,	Voltage	110/120VAC
OUTPUT Voltage 120V +/- 2% Frecuency 60 Hz +/- 2% Voltage Distortion <5% THD at full inner load,	Frequency	55 - 65Hz
Voltage 120V +/- 2% Frecuency 60 Hz +/- 2% Voltage Distortion <5% THD at full non-linear load,	Power Factor	>0.95
Frecuency 60 Hz +/- 2% Voltage Distortion <5% THD at full inear load	OUTPUT	
Voltage Distortion <5% THD at full non-linear load,	Voltage	120V +/- 2%
Stability Full load +/- 3% Frecuency Regulation +/- 0.25 Hz (Battery or free running mode) Power Factor 0.7LAG Transfer Time Zero Transfer Time Output Waveform Sine wave Connection Output Receptacles 3 x 15R (US) Creast Factor >3:1 Efficiency >0.85 BATTERY Battery Type Number of Batteries 3 Backup time/ full load 9 min GENERAL INFORMATION Ambient Temperature Recommended +0 C to +40 C Temperature +15 C to +25 C Storage Temperature -15 C to +15 C Lumidity 0-95%, non-condensing Audible Noise 45 dB normal and battery mode Net Weight (kg) 7.5 Dimentions (WxDxH mm) 495x240x330 Outlet 3+0 PROTECTION Overload Overload 110% - 130% (30 sec) >130% (200 ms) Shot Circuit Shut off Inverter and Bypass output Over Temperature The switch can be changed to bypass	Frecuency	60 Hz +/- 2%
Stability Full load +/- 3% Frecuency Regulation +/- 0.25 Hz (Battery or free running mode) Power Factor 0.7LAG Transfer Time Zero Transfer Time Output Waveform Sine wave Connection Output Receptacles 3 x 15R (US) Creast Factor >3:1 Efficiency >0.85 BATTERY Battery Type Battery Type 12V7AH Number of Batteries 3 Backup time/ full load 9 min GENERAL INFORMATION 40 C to +40 C Recommended +15 C to +25 C Storage Temperature +15 C to +15 C Cooling Forced air cooling Humidity 0-95%, non-condensing Audible Noise 45 dB normal and battery mode Net Weight (kg) 7.5 Dimentions (WxDxH mm) 495x240x330 Outlet 3+0 PROTECTION 5hut off Inverter and Bypass output Overload 110% - 130% (30 sec) > 130% (200 ms) Shot Circuit 5hut off Inverter and Bypass output Over	Voltage Distortion	<5% THD at full non-linear load,
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Transfer Time Zero Transfer Time Output Waveform Sine wave Connection Output Receptacles 3 x 15R (US) Creast Factor >3:1 Efficiency >0.85 BATTERY Battery Type Battery Type 12V7AH Number of Batteries 3 Backup time/ full load 9 min GENERAL INFORMATION Value of the commended Temperature +15 C to +40 C Recommended +15 C to +25 C Storage Temperature +15 C to +15 C Cooling Forced air cooling Humidity 0-95%, non-condensing Audible Noise 45 dB normal and battery mode Net Weight (kg) 7.5 Dimentions (WxDxH mm) 495x240x330 Outlet 3+0 PROTECTION Overload 110% - 130% (30 sec) > 130% (200 ms) Short Circuit Shut off Inverter and Bypass output Over Temperature The switch can be changed to bypass		+/- 0.25 Hz (Battery or free running mode)
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Creast Factor >3:1 Efficiency >0.85 BATTERY Battery Type 12V7AH Number of Batteries 3 Backup time/ full load 9 min GENERAL INFORMATION Ambient Temperature +0 C to +40 C Recommended +15 C to +25 C Storage Temperature -15 C to +15 C Cooling Forced air cooling Humidity 0-95%, non-condensing Audible Noise 45 dB normal and battery mode Net Weight (kg) 7.5 Dimentions (WxDxH mm) 495x240x330 Outlet 3+0 PROTECTION Overload 110% - 130% (30 sec) >130% (200 ms) Short Circuit Shut off Inverter and Bypass output Over Temperature The switch can be changed to bypass	<u>-</u>	Receptacles 3 x 15R (US)
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