

# Pixys Cetus series

Redundancy On-Line UPS



6KVA~20KVA

A complete offer  
for your business



Consultancy



Production



Assistance



Maintenance



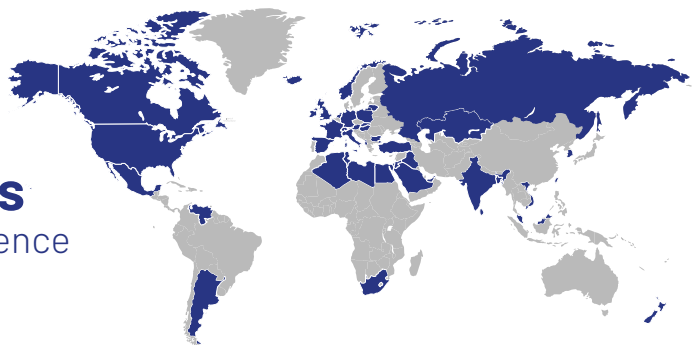
**Made in Italy,**

innovation from an  
international company

- Simple Parallel Installation
- Full-time Digital Signal Processor Control
- Frequency Converter Operation Mode
- Smart ECO Mode
- LCD Mimic Panel
- Power Range and Runtime Scalability
- Maintenance Bypass Switch Embedded
- Optional Galvanic Isolation Transformer
- Optional Hot Swappable Battery

**IPS**  
**Innovative Power Systems**

world market in over 30 years of experience



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Engineering solutions for your energy

# Pixys Cetus series

## Redundancy On-Line UPS



Model		Pyxis6000	Pyxis10000	Cetus10000	Cetus15000	Cetus20000
Input	Voltage	160-280Vac		160-280Vac(1Φ) / 277 - 485Vac(3Φ)**		277-485Vac(3Φ R, S, T, N)**
	Frequency	45 - 65 Hz				
	Phase	Single, Line + Neutral + Ground		Single, Line + Neutral + Ground; Three, R, S, T + Neutral + Ground		Three + G
	Power Factor	Up to 0.99 at Linear Load				
Output	Voltage	200/208/220/230/240Vac Selectable(208/120Vac optional)				
	Capacity	5400W	9000W	9000W	13500W	18000W
	Frequency(Battery Mode)	±1Hz or ±3Hz(Selectable)				
	Current Crest Ratio	3:1				
	Harmonic Distortion	< 3% at Linear Load				
	Output Waveform	Pure sine wave				
	Transfer Time(AC to DC)	0ms				
	Efficiency	Up to 90%(Line Mode)			Up to 90% (without Transformer)	
Battery	DC Start	Yes				
	Number of batteries	20pcs				
	Type	Sealed Lead Acid Maintenance Free				
	Capacity	12V/7AH		12V/9AH		N/A
	Rated Battery Voltage	240Vdc				
Display	Recharge Time + 90%	5 hours			N/A	
	Status On LED + LCD	Line Mode / Backup Mode / ECO Mode / Bypass Supply / Battery Low / Battery Fault / Overload / Transferring with interruption / UPS Fault				
	LCD	Input Voltage / Input Frequency / Output Voltage / Output Frequency / Load Percentage / Battery Voltage / Temperature				
Alarm	Self-Diagnostics	Upon Power-on / Front Panel Setting & Software Control / 24-hour routine checking				
	Audible and Visual	Line Failure / Battery Low / Transfer to Bypass, System Fault Conditions				
Protection	Overload Capacity	Inverter Supply: 105%-150% for 160 seconds ~ 2 cycles before switching bypass Bypass Supply: 105%-200% for 500 seconds ~8 cycles before stopping supply load.				
	Short Circuit	Output Breaker / Electronic Circuit				
	EPO	Output shutdown immediately				
	Over Temperature	Normal Mode : Transfer to Bypass Mode Battery Mode : UPS shuts down immediately				
Physical	Dimensions (WxHxD,mm/inch)	Standard 290x748x645 / 11.4x29.5x25.4		290x748x645 / 11.4x29.5x25.4		
		Mini 220x505x637 / 8.6x19.8x25.0		220x505x637 / 8.6x19.8x25.0		
	Weight (kg/lbs)	Standard Unit/	86/190	10K:96/215		60/132
		Mini Unit/	82/180	10K:96/215		130/286
Environmental	Operating Temperature	0-40°C/ 32-104°F				
	Noise Level(1m front)	<50dBA			<52dBA	
	Altitude	2000m/6500ft without de-rating				
	Humidity	20%-90%RH(Without condensation)				
Interface	Interface Type	Standard RS232 Interface			Standard RS232, EPO	
	Communication Slots	2 <sup>nd</sup> RS232, USB, RS485, Relay Contact, SNMP/WEB Card, etc.				
	Compatible platforms	Microsoft Windows series, Linux, Mac, etc.				
Standards and Certifications***	Safety	EN62040-1-1, UL1778			EN62040-1-1	
	EMC	EN62040-2, EN61000-3-2, EN61000-3-3, FCC Class A			EN62040-2	
	Markings	CE, cUL, UL ***			CE	

### Battery bank

UPS model	Code	Bat. Type	Max. Quantities	Dimensions (WxDxH, mm)
PYXIS 6/10KVA	BB340007	7AH	40	253x637x680
PYXIS 6/10KVA	BB360007	7AH	60	253x637x680
PYXIS/CETUS10KVA	BB340009	9AH	40	253x637x680
PYXIS/CETUS 10KVA	BB360009	9AH	60	253x637x680
CETUS 15KVA / 20KVA	BB360009	9AH	60	253x637x680

\* Specifications subject to change without notice. \*\* Based on load percentage. \*\*\* Depending on the model and voltage, Please contact IPS for more information. \*\*\*\* The same technical specification may be sold in different countries under different model names, please consult IPS for more information.



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