

Power issues are the leading cause of business downtime.



**40%**  
of all business  
downtime

**Monitor live power issues, increase profitability,  
and keep your customers satisfied.**



- ✓ Lower Service Costs
- ✓ Ensure Fault-Less Installs
- ✓ Improve Customer Uptime and Your Profitability

**The enVision PCS is the ultimate troubleshooting tool for service organizations.**

Engineered with state-of-the-art power protection, electrical intelligence, diagnostic software, and real-time scope meter technology, ESP/SurgeX's innovative cost saving solution gives service teams the ability to identify power problems and eliminate unwarranted costs that can impact profitability.



**Advanced Diagnostic Technology**

- ✓ Monitor, identify, and analyze power issues
- ✓ Scope meter offers access to live electrical incidents
- ✓ Optional remote capabilities



**Increased Profitability**

- ✓ Reduces "no-problem found" service costs
- ✓ Eliminates unnecessary parts and equipment replacement costs



**Advanced Power Protection**

- ✓ Protects connected equipment from the dangers associated with power disturbances
- ✓ Lifetime product and connected equipment warranty

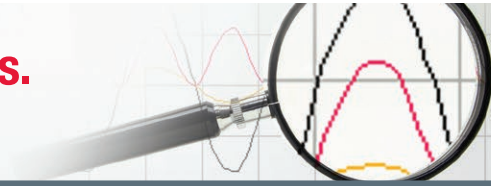


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# \$15 billion is lost each year due to power quality issues.

Don't let power problems impact your service profitability.



## Premium diagnostic technology, improves the capabilities of your service department

### Measures:

- Line-Neutral voltage
- Neutral-ground voltage
- Amperage
- Power
- Crest factor
- Power factor
- Line frequency
- Energy usage

### Records Events:

- Over/under voltage
- Surges
- Power outages
- Shut off events

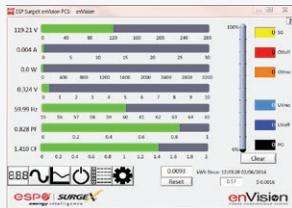
### Customizes:

- Over and under voltage
  - Shut off levels
  - Recording levels
  - Restore levels

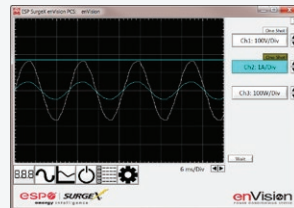
### Displays:

- Wiring faults
- Electrical parameters
- Power disturbances and outages
- Abnormal conditions
- Outlet status
- User controls

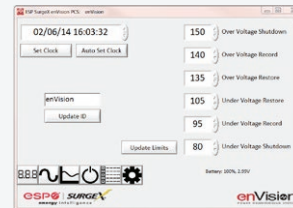
## Sophisticated software, gives your service teams a comprehensive troubleshooting solution



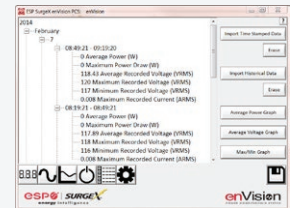
Real-time digital multi-meter



Real-time scope meter



Over/under voltage customization




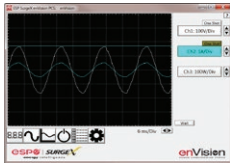













Historical electrical parameter summary

## Multiple display and communication modules, puts you in control

- Integrated scope meter
- LCD event notifier and interface on the unit
- Additional communication capabilities available
  - TCP-IP integration

## Professional-grade power protection and conditioning system, safeguards connected equipment

- Multi-Stage Surge Protection
- Electrical Noise Filtration
- Over/Under Voltage Protection
- Cat 6 network protection
- Telephone line protection
- Wiring Fault Protection

	Model Number	Plug Configuration		Description
		Input	Output	
 	EV-12015 IC	 NEMA 5-15P	 (3x) NEMA 5-15R	Diagnostic Power Conditioning System + Scope Meter, 120V/15A 1 Pigtail + 2 Receptacles, Diagnostic software and interface cord included
	EV-12020 IC	 NEMA 5-20P	 (1x)  (2x) NEMA 5-20R NEMA 5-15R	Diagnostic Power Conditioning System + Scope Meter, 120V/20A 1 Pigtail + 2 Receptacles, Diagnostic software and interface cord included
	EV-20815 IC	 NEMA 6-15P	 (1x) NEMA 6-15R	Diagnostic Power Conditioning System + Scope Meter, 208V/15A 1 Pigtail, Diagnostic software and interface cord included
	EV-20820 IC	 NEMA 6-20P	 (1x) NEMA 6-20R	Diagnostic Power Conditioning System + Scope Meter, 208V/20A 1 Pigtail, Diagnostic software and interface cord included
	EV-23010 IC	 IEC	 (2x) IEC C13	Diagnostic Power Conditioning System + Scope Meter, 230V/10A 1 IEC Plug + 2 IEC Receptacles, Diagnostic software and interface cord included
	RP-IP	5V, 500mA, USB Mini	(1) RJ45 Server Port	Allows remote IP access to diagnostic software, RJ25 6p6c Standard Pinout
	RP-IP-GNS	12V, 1A, Barrel	(1) RJ45 Server Port (5) 10/100/1000 Switch Ports	Allows remote IP access to diagnostic software, RJ25 6p6c Standard Pinout