

800-882-8285



Power Protection for 30 Amp Digital Production Printers and Industrial Equipment

The Smart30 Series provides ultimate power protection for Digital Production Printers and Industrial Equipment. Ideal for equipment that requires single or 3-phase and up to 30 Amps power. Along with a redundant all-modes surge protection and filtration circuit, the Smart30 Series is equipped with a Phase Sequence Monitoring circuit to detect and notify improper phase sequence connections.

Reverse phase sequence connection may lead to malfunction and reverse rotation of the motorized parts that cause system damage in 3-phase equipment.

Emerge Power Solutions' Smart30 not only protects electronic equipment against destructive power line spikes and transients, it also monitors the power line for proper phase sequence connection to ensure the equipment will function properly and perform to life expectancy.

5
YEAR
WARRANTY

Features:

- Redundant all modes surge protection (L-L, L-N, L-GND and N-GND)
- Transient and noise filtration
- Phase sequence diagnostics and indicators (3-phase model only)
- Power lines (L1, L2 and L3) indicators
- Fault internal LED indicators
- Easy connection plug and receptacle
 - No hardwire needed
- High surge current capacity
 - Including models for 30 Amp single phase,
- 3-phase, 120V / 240V power line configuration

Applications



INDUSTRIAL
DIGITAL PRINTERS



3-PHASE
DIGITAL COPIERS



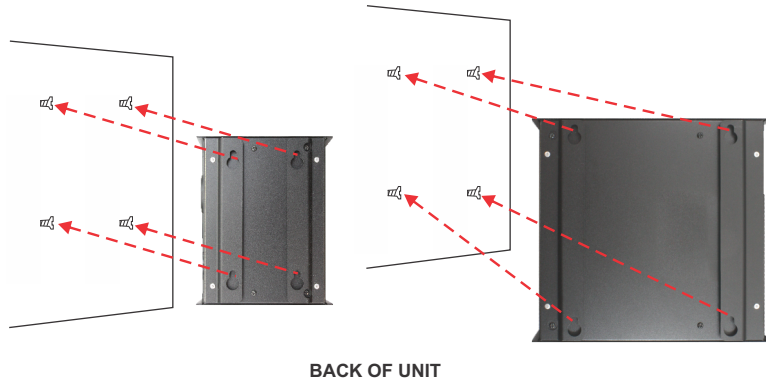
TELECOM
SYSTEMS

Benefits of Power Protection:

- Reduce downtime, error codes, "no problem found" service calls
- Protect connected equipment against the most severe spikes, surges, prolonged over voltage and ground loop currents
- Extend the life of connected equipment

EMERGE
POWER SOLUTIONS
SMART POWER SYSTEMS

WALL MOUNT FEATURE

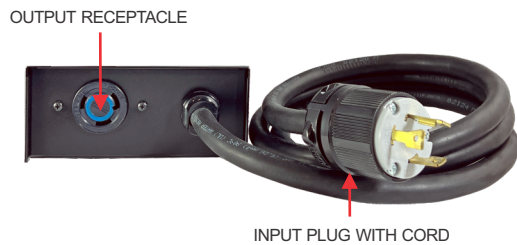


SINGLE PHASE

FRONT VIEW

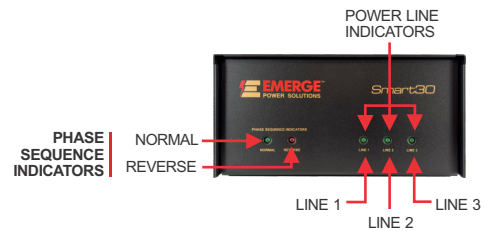


REAR VIEW

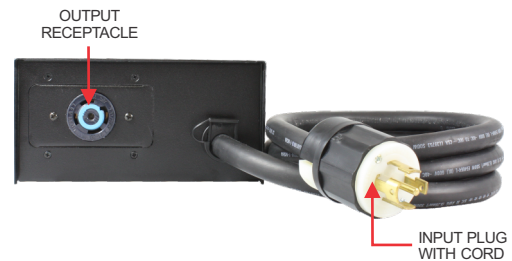


3-PHASE

FRONT VIEW



REAR VIEW



If the Emerge Power Solutions equipment fails and this failure allows a surge to pass through and damage the connected equipment, Emerge Power Solutions will pay for the repair or replacement of the connected equipment up to \$25,000. See website for more details.



1-800-882-8285



Specifications

Model (Part number)	S301P120-01	S301P240-01	S303P240-01	S303P120/208-01
Input / Output	1 phase, 120 Volts 2 wire + Ground	1 phase, 240 Volts 2 wire + Ground	3 phase 240 Volts 3 wire + Ground	3 phase 120/208 Volts 4 wire + Ground
Output Current	30 Amps			
Frequency Compatibility	50 / 60 Hz			
SURGE / NOISE SUPPRESSION				
Surge Suppression Response Time	<5nsec			
Voltage Protection Rating	L-N:500V N-G:400V L-G:400V	L-N:600V N-G:600V L-G:600V	L-N:500V N-G:400V L-G:400V	L-N:600V N-G:600V L-G:600V
SURGE SUPPRESSION CURRENT RATING				
MAX Single pulse surge current rating per phase	18,000A	18,000A	18,000A	18,000A
MAX Single pulse surge current rating total	24,000A	24,000A	54,000A	60,000A
Surge current redundancy per phase	79,000A	86,000A	86,000A	79,000A
Surge current redundancy total	98,500A	96,000A	258,000A	256,500A
Safe Thermal Fusing	Prevents unsafe conditions during extreme extended over-voltages and catastrophic occurrences			
Diagnostic LED(s)	Yes			
PHYSICAL				
Housing Color	Black			
Integrated Keyhole Mounting (Wallmount)	Yes			
Material of Construction	Metal			
Output Receptacle	 L5-30R	 L6-30R	 L15-30R	 L21-30R
Plug Type	 L5-30P	 L6-30P	 L15-30P	 L21-30P
Power Supply Cord	7 Ft.			
Unit Weight (lbs./kg)	4.40 / 1.99		7.25 / 3.29	7.80 / 3.54
Shipping Weight (lbs./kg)	5.40 / 2.99		8.55 / 3.88	9.10 / 4.13
Unit Dimensions (in) (HxWxD)	2.93x6.30x5.05		4.12 x 8 x 9.62	
STANDARDS & COMPLIANCE				
Safety Certification	ETL certified to UL 1449 4th edition and UL 1283 SPD Type 3 cord connected			
Canada	ETL Certified to CSA C22.2 5TH Ed.			
WARRANTY				
Product Warranty	5 year limited warranty			
Connected Equipment Protection Policy	\$25,000 - For more details go to emergepowersolutions.com/030714-sps-cepp/			

All specifications are subject to change without notice.

Rev.09/26



1-800-882-8285

7409 Railhead Ln. • Houston, TX 77086 • Tel:713-464-8000 Email: sales@emergepowersolutions.com • www.emergepowersolutions.com