

SSP - Scalable System Power

Outdoor Cable Plant Network Power Supply / UPS
6, 12 or 18 Amps @ 87VAC



The SSP family is a unique high-efficiency scalable standby power system for the outside plant. Available in three power ranges using 1, 2 or 3 batteries per string allows the operator to achieve high-efficiency and match power system cost to the load/application. With modules that are common to the entire product family, stocking spares is easy.

The SSP family saves the operator significant capital today and in the future by providing higher power efficiencies and significantly reducing the number of batteries over traditional power offerings.

FEATURES

- ◆ Scalable standby power supply system
- ◆ Achieves high power efficiencies over traditional platforms
- ◆ “Small”, “Medium” and “Large” versions to match power system cost to application
 - “Small” versions use 12V battery bus (1 battery)
 - “Medium” versions use 24V battery bus (2 batteries)
 - “Large” versions use 36V battery bus (3 batteries)
- ◆ Significant savings in power, deployment, batteries, and enclosures
- ◆ Conformally coated PCB's standard
- ◆ Plug-in modules common across all models
 - Makes spare stocking easy
 - As system evolves, modules can be reused to create different power level products.
 - Preserves value by ability to move modules to different power configurations
- ◆ Ferro-resonant design provides voltage regulation and short circuit protection
- ◆ Compatible with external DOCSIS 3.0 Transponder



Specifications - SSP Scalable System Power Outdoor Cable Plant Network Power Supply / UPS

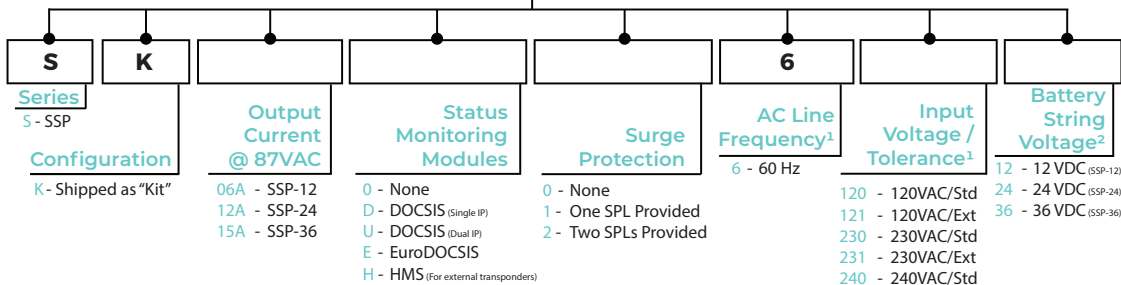
	SSP - 24 (12A)	SSP - 36 (15A)	
ELECTRICAL			
AC INPUT:	120VAC	120VAC	120VAC or 240 VAC
AC INPUT VOLTAGE TOLERANCE:	Std: 102 - 134VAC, Ext: 90 - 134VAC		
AC INPUT FREQUENCY:	60Hz +/- 3Hz		
INPUT POWER FACTOR, NOMINAL:	> 0.95		
TRANSFORMER TYPE:	Ferro-Resonant		
OUTPUT POWER CAPABILITY:	540W	1080W	1350W
OUTPUT VOLTAGE:	60, 87VAC quasi-square, user select		
OUTPUT CURRENT AT 60/87VAC:	9/6 Amps	15/12 Amps	15/15 Amps
LOAD EFFICIENCY - MAINS / INVERTER:	Up to 90/82%	Up to 91/83%	Up to 92/85%
TRANSFER TIME:	Zero Uninterrupted		
BATTERY STRING VOLTAGE:	12VDC	24VDC	36VDC
BATTERY CHARGE CURRENT:	2 - 10 Amps		
BATTERY TEMPERATURE SENSING:	Post Mounted		
BATTERY TEMPERATURE COMPENSATION:	Default: -5mV/°C/Cell -40 °C to 50 °C		
BATTERY LOW VOLTAGE CUTOFF:	Default: 1.75V/Cell		
MECHANICAL			
DIMENSIONS (H x W x D):	9.6 x 9.1 x 12.75 in (24.4 x 23 x 32.4 cm)	9.25 x 16 x 10.7 in (23.5 x 40.6 x 27.2 cm)	9.25 x 16 x 10.7 in (23.5 x 40.6 x 27.2 cm)
WEIGHT (WITH EM + SM INSTALLED):	43.0 lbs (19.5 kg)	58.9 lbs (26.7 kg)	67.9 lbs (30.8 kg)
WEIGHT EMPTY:	35.7 lbs (16.2 kg)	51.6 lbs (23.4 kg)	60.6 lbs (27.5 kg)
FINISH:	Gray, Wrinkle-Finish Epoxy Powder Coat	Gray, Wrinkle-Finish Epoxy Coat	
ENVIRONMENTAL & AGENCY SPECIFICATIONS			
OPERATING TEMPERATURE:	-40 °F to 158 °F (-40 °C to 70 °C)		
RELATIVE HUMIDITY:	Up to 95% (non-condensing)		

Accessories

Model Number	Description	Model Number	Description
SSPTM9xx6120-yy	SSP Transformer Module (xx = output current, yy = battery bus voltage)	SSP-BATPROBE	SSP Battery Thermal
SSP-EM636	SSP Electronics Module, 60Hz 12/24/36VDC battery	SSP-EMCABLE	SSP EM harness, connects to temp battery probe
CTSP-SPL	T/SSP Surge Protector, one each for AC input, output (with LED indicator)	CSEP 1-120	Enclosure, SSP, 1 Battery, 120VAC includes cables
SSP-SMD	SSP Embedded DOCSIS2.0 Transponder (Single IP)	CSEP 2-120	Enclosure, SSP, 2 Battery, 120VAC includes cables
SSP-SMDD	SSP Embedded DOCSIS2.0 Transponder (Dual IP)	CSEP 3-120	Enclosure, T/SSP, 3 Battery, 120VAC includes cables
SSP-SMDE	SSP Embedded EuroDOCSIS Transponder (Single IP)	SSP-EMCOVER	Covers EM slot when the EM is not installed
SSP-SMH	SSP Embedded HMS Interface (for use with external HMS compatible transponder)	SSP-SMCOVER	Covers SM slot when the SMD/H is not installed
		CT-0W5S14A	Conversion cable to use Myers T/SSP in other brand closures

ORDERING GUIDE

Example Model Number:
SK06AD26120-12



NOTES:

- Additional models are available, however not all voltage/frequency/tolerance combinations are possible. Please contact Myers EPS for available models.
- SSP-12 has a 12VDC battery bus (one 12V battery)
SSP-24 has a 24VDC battery bus (two 12V batteries in series)
SSP-36 has a 24VDC battery bus (three 12V batteries in series)
To add runtime, add similar capacity batteries in parallel strings.
- Additional specifications are available. Specifications are subject to change without notice. Contact Myers EPS for additional info.
- When shipped, output voltage factory safety set to 60VAC.
- User programmable.

