

FSP Compact Series



1U Lightweight Online UPS

1KVA

Applications:



Security equipment



monitoring & control system



Small IT rack system



Network, storage device

1U On-Line UPS Solution

As small rack limitation, FSP compact 1U UPS is the most reliable and trustworthy power guardian. With true double conversion technology(VFI), its avoid annoyed grid issue, e.g. voltage fluctuations, frequency variations, distortion. Easy front battery pack access will be helpful for maintenance check and replacement without removing it from rack mounting.

GENERAL FEATURES

- True double conversion online topology
- Microprocessor control optimizes reliability
- Output power factor 0.8
- 1U compact size perfect fits for data processing and transmission such as servers, networking and IP telephone services.
- Input power factor correction
- Converter mode available via software setting
- ECO mode for energy saving
- Built-in serial communication port/Dry contact
- Emergency Power off (EPO) function

TECHNICAL SPECIFICATIONS

MODEL		CO-1101RS
CAPACITY		1000 VA / 800 W
INPUT		
Voltage		220/230/240 VAC
Acceptable Voltage Range		110-300 VAC @ 50% load 160-300 VAC @ 100% load
Frequency Range		40-70 Hz
Power Factor		≥ 0.99 @ Nominal voltage (full load)
OUTPUT		
Output Voltage		220/230/240 VAC
Voltage Regulation		$\pm 1\%$
Frequency Range (Synchronized Range)		57 ~ 63 Hz or 47 ~ 53 Hz
Frequency Range (Batt. Mode)		60 Hz or 50 Hz ± 0.3 Hz
Current Crest Ratio		5:1 (110/120 VAC) 3:1 (220/230/240 VAC)
Harmonic Distortion		$\leq 3\%$ THD (Linear Load) $\leq 5\%$ THD (Non-linear Load)
Transfer Time	AC Mode to Battery Mode	0ms
	Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)		Pure Sinewave
EFFICIENCY		
AC Mode		86%
ECO Mode		92%
Battery Mode		83%
BATTERY		
Battery Type		Sealed Lead-acid battery
Battery Spec & Numbers		6 V / 9 Ah x 4
Typical Recharge Time		9 Hours recover to 90% capacity
Charging Current		1A
INDICATORS		
LED		AC mode, Battery mode, and fault indicators
ALARM		
Battery Mode		Sounding every 4 seconds
Low Battery		Sounding every second
Overload		Sounding twice every second
Fault		Continuously sounding
AC INPUT & OUTPUT CONNECTORS		
AC Input Connector		1 x IEC 320 C14
AC Output Connector		4 x IEC 320 C13
STANDARDS		
Safety / EMC		IEC 62040-1 (Safety) / IEC 62040-2 (EMC) / CE
PHYSICAL		
Dimension, (D x W x Hmm)		477 x 438 x 44
Net Weight (kgs)		12.6
ENVIRONMENT		
Humidity		20-90 % RH @ 0- 50°C (non-condensing)
Noise Level		Less than 50dB @ 1 Meter
MANAGEMENT		
USB or RS-232		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC
Dry Contact (Option)		Signal for AC Power Normal, Battery OK and Fault Alarm

Product specifications are subject to change without further notice

