

DINRail SERIES



DINRail UPS

500VA/1000VA

Applications:



Eqpt. of Mfg



Material
Packing Mgmt



Automation
Control &
Monitoring



Ind. IP-based
Device

Control Panel Solution

FSP DINRail UPS offers a dependable ,cost effective solution to increase equipment stability and system reliability for control panels or different industrial segments. DINRail UPS series with Pure Sine Wave design protects connected devices and guarantees to get through utliiy grid issues, e.g. Under/OverVoltage, Surge, strike, lighting and outage, these problems will cause industrial processes and manufacturing issue to impact product quality, even safety. Moreover, as UPS Compact size and front access will allow layout-technican to have more space to design the control panel.

GENERAL FEATURES

- Pure Sine Wave
- High frequency inverter
- Microprocessor controller
- Line mode efficiency > 98%
- Cold start function
- Compact size
- DIN rail mounting, Front access
- Horizontal or vertical installation
- RS485 communication available
- Suitable for PLC, I/O controllers, IPC and control panel

TECHNICAL SPECIFICATIONS

MODEL		DINRail UPS 500 VA DINRail 500 VAEPO	DINRail UPS 1k VA/600 W DINRail 1k VAEPO
CAPACITY		500VA / 300W	1000VA / 600W
INPUT			
Nominal Voltage		220VAC/230VAC/240VAC	
Acceptable Voltage Range		170 ~ 270 VAC	
Frequency		50Hz / 60Hz Auto Sensing	
Frequency Range		63Hz ~ 40Hz	
Line Low Transfer		170Vac ± 5%	
Line Low Return		180Vac ± 5%	
Line High Transfer		270Vac ± 5%	
Line High Return		260Vac ± 5%	
OUTPUT			
Voltage		220VAC/230VAC/240VAC	
Waveform		Pure Sine wave	
Short Circuit Protection	Line Mode	Circuit Breaker	
	Battery Mode	Electronic Circuit	
DC Start			
Cold Start		Yes	
TRANSFER TIME			
Typical		2-6 ms (10ms max).	
BATTERY			
Battery Voltage		12VDC	12VDC
INDICATOR			
LED		AC Mode(Continuously), Inverter Mode(Flash)	
AUDIBLE ALARM			
Battery Mode		Sounding every 7 seconds	
Low Battery		Sounding every second	
UPS Fault		Continuously Sounding	
INTERFACE			
Communication port		RS-485	
ENVIRONMENT			
Operation Temperature		0-40°C ; 32-104°F	
Relative Humidity		0-90% non-dondensing	
PHYSICAL			
Dimensions,(WxHxD)mm		250 x 135 x 115	
Net Weight(Kgs)		2.8Kg	3.2Kg

Product specifications are subject to change without further notice



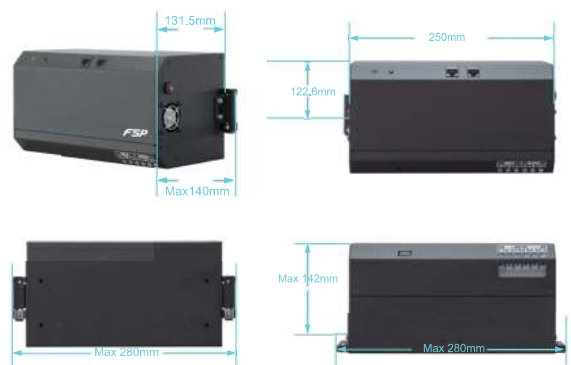
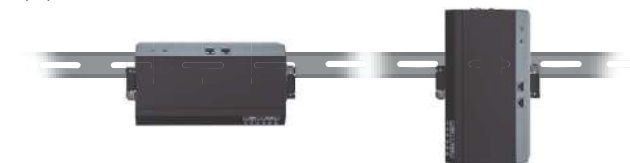
Dimension information

Simple & Easy your design

FSP DINRail UPS implements compact design to mount in control panel for more space saving.

The silent service guarantees power quality to protect, to enhance your system functionality and reliability.

Not like traditional UPS, DINRail UPS with front access function solves assembly wiring layout issue and engineer will more flexible to arrange the equipments.



Backup Time Table for DINRail Series

	Backup Time with Load (Min)			
	25 %	50 %	75%	100 %
500VA	50.25	12.0	7.50	4.52
1000VA	12.0	4.47	1.17	0.11