

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 utility grid issues, e.g. Under/OverVoltage, Surge, strike, lightning and outage, these problems will cause industrial processes and manufacturing issues to impact product quality, even safety. Moreover, as UPS Compact size and front access will allow layout-technician 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 500	DINRail 1000
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



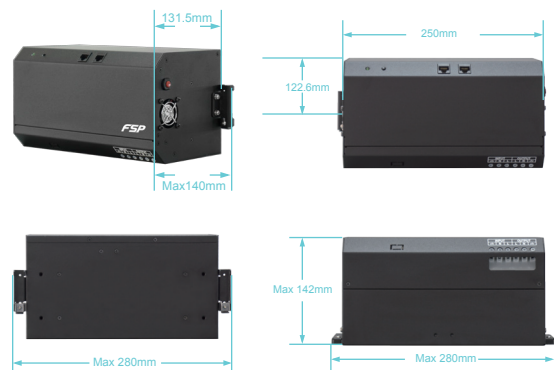
Dimension information

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