

# 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 issue 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
<b>CAPACITY</b>	500VA / 300W	1000VA / 600W
<b>INPUT</b>		
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%	
<b>OUTPUT</b>		
Voltage	220VAC/230VAC/240VAC	
Waveform	Pure Sine wave	
Short Circuit Protection	Line Mode	Circuit Breaker
	Battery Mode	Electronic Circuit
<b>DC Start</b>		
Cold Start	Yes	
<b>TRANSFER TIME</b>		
Typical	2-6 ms ( 10ms max ).	
<b>BATTERY</b>		
Battery Voltage	12VDC	12VDC
<b>INDICATOR</b>		
LED	AC Mode(Continuously ), Inverter Mode(Flash)	
<b>AUDIBLE ALARM</b>		
Battery Mode	Sounding every 7 seconds	
Low Battery	Sounding every second	
UPS Fault	Continuously Sounding	
<b>INTERFACE</b>		
Communication port	RS-485	
<b>ENVIRONMENT</b>		
Operation Temperature	0-40°C ; 32-104°F	
Relative Humidity	0-90% non-dondensing	
<b>PHYSICAL</b>		
Dimensions,(WxHxD)mm	250 x 135 x 115	
Net Weight(Kgs)	2.8Kg	3.2Kg

Product specifications are subject to change without further notice



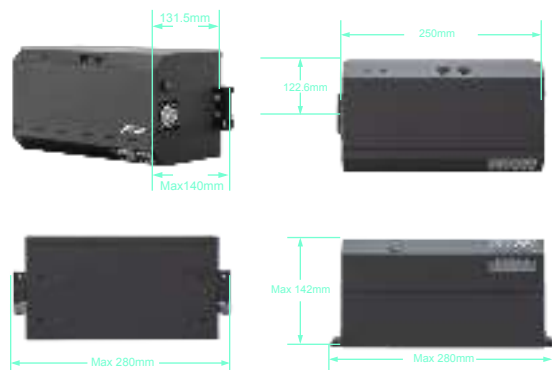
### Dimension information

#### 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 %
<b>500VA</b>	50.25	12.0	7.50	4.52
<b>1000VA</b>	23.2	9.8	5.6	2.95