DINRail SERIES

DINRail UPS

1000VA

Applications:

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 utiliy 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

FSP
FSP POWER SOLUTION GMBH

TECHNICAL SPECIFICATIONS

MODEL		DINRail UPS 1k VA/600 W DINRail 1k VAEPO
CAPACITY		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
INDICATOR		
LED		AC Mode(Continuously), Inverter Mode(Flash)
AUDIBLE ALARM		
Battery Mode		Sounding erery 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)		3.2Kg

Product specifications are subject to change without further notice

CE

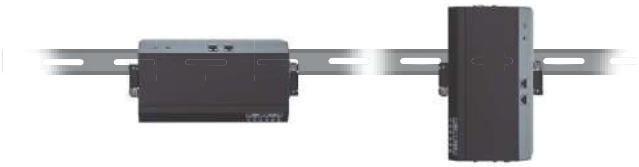
Dimension information

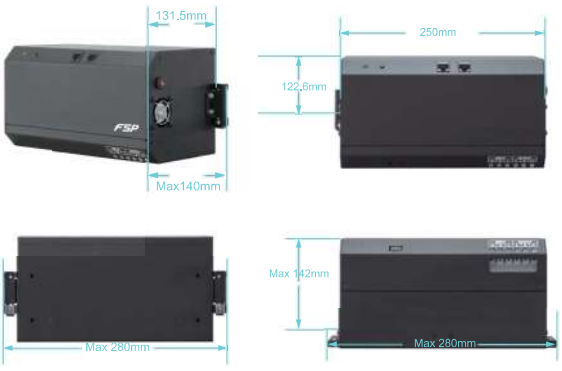
Simple & Easy your design

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 %
1000VA	12.0	4.47	1.17	0.11