

L'UPS di VIPA Italia, potente
innovativo e compatto.

VIPA-UPS-C120524



VIPA Italia S.r.l.

24V DC UPS

VIPA-UPS-C120524



Caratteristiche

- Alloggiamento compatto in lega di alluminio e magnesio, design resistente alla polvere
- Collegamento laterale singolo, montaggio a parete su guida DIN
- Alimentazione a 24 V CC, design standard industriale
- Con il controllo USB, è possibile impostare i parametri dell'UPS e prolungare il tempo di spegnimento
- Il carico massimo è di 120W
- L'UPS fornisce alimentazione fino a 12 minuti con un carico di 60W.

Panoramica del prodotto

Tutti i Box PC possono essere collegati a un UPS da 24 V CC. VIPA-UPS-C120524 è in grado di far funzionare i Box PC per un certo periodo di tempo quando l'alimentazione principale viene disattivata in modo anomalo. L'alimentazione continua dell'UPS al box PC dopo un'interruzione di corrente può essere impostata e controllata tramite la porta USB dell'UPS collegato al box PC. Il modulo di alimentazione UPS DC basato sulla super capacità previene efficacemente la perdita di dati importanti dopo un'interruzione di corrente e garantisce un funzionamento stabile dell'intero sistema.

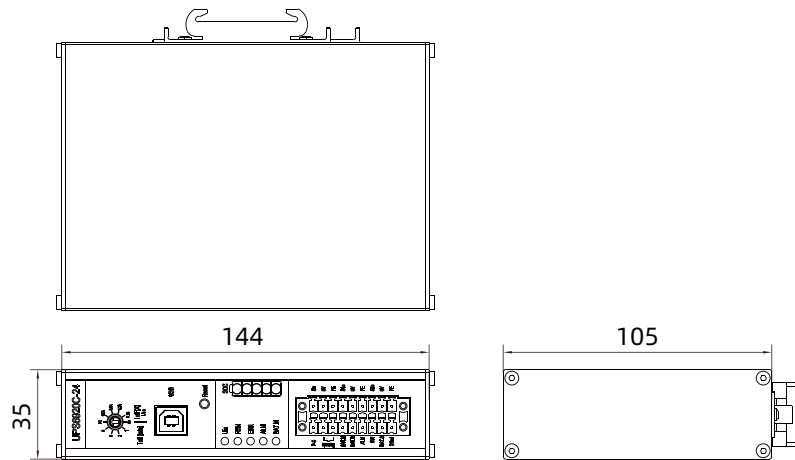
Specifiche

Model	VIPA-UPS-C120524		
DC_IN	Voltage	DC 24V~26.4V <i>*Affect the charging effect if the input voltage is less than 24V</i>	
	Electricity	7A	
	Protection	Anti-reverse connection, over-voltage protection, EFT±1500V, surge 2000V	
UPS DC_OUT	Voltage	24V	
	Electricity	5A	
	Protection	Overcurrent and overload protection	
Electrical Parameter	No-load power	3W	
	Max power	120W	
	Max Electricity	3A	
	Full time	Work voltage	Full time (min)
		DC 24V ~26.4V	30
		Load power (W)	On-load hold time (s)
		30	25
Discharge time		60	12
		120	5
Supercapacitor	capacity	1080 mAh	
	Service life	Charge and discharge 50,000 times	
IO	IO Voltage	DC 24V	
	Isolation mode	Optocoupler	
	Isolation voltage	3.75kV	
Signal Type	Signal specification	DC 24V/3mA	
	DC OK	DC power supply status, relay normally open output	
	Bat.Mode	Battery operated mode, PNP output	
	Bat.Ready	Full battery condition, PNP output	
	SW	Remote switch output, PNP output	
	Remote	Remote power off output, dry contact switch quantity	
	Bat. Start	Forced cell output, PNP input	
	Dev.Psts	the power receiving device operating status, PNP input	
	Communication interface	USB	
	Communication protocol	Modbus RTU	
Environment	Operating Temperature	-20°C~60°C	
	Storage Temperature	-40°C~80°C	
	Operating Humidity	5~95%	
	Mount	DIN-Rail	
	Net weight	0.65kg	

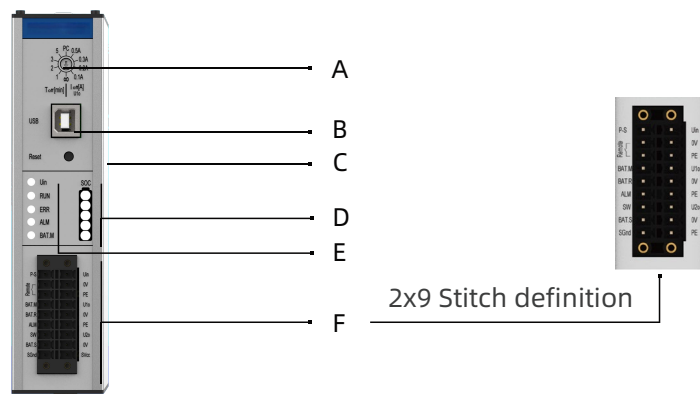
24V DC UPS

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Technical Drawings unit:mm



External I/O View



Interface definition:

- A: Working mode code disk E: UPS Operating status light
B: USB interface F: DI/DO interface
C: Reset
D: Battery status indicator

Packing List

USB	1m USB Square extension cord
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Note: Package contents are subject to change without prior notice

Pin	Signal	Name	Function
1	Uin	Power Input	DC 24-28V
3	0V	Power Ground	
5	PE	Protected Area	
7	U10	Power Output 1	When There Is No External Power Supply Lithium Battery Output: DC24V±0.5V/6.25A External Power Supply: UIN-2V
9	0V	Power Ground	
11	PE	Protected Area	
13	U20	Power Output 2	When There Is No External Power Supply Lithium Battery Output: DC24V±0.5V/6.25A (Share The Maximum Output Power With Power Supply Output 1). External Power Supply: UIN-2V
15	0V	Power Ground	
17	PE	Protected Area	
2	P.S	Control Signal Input	Connect With The Power-On State IO Of The Industrial Computer, Receive The State Change Of The Pulse Edge, Change From High Level To Low Level To Indicate That The Computer Is Shut Down, And Turn Off The UPS After 5 Seconds When It Becomes Low Level.
4	Remote(ENO_OUT1A)	Status Signal Output	Keep Disconnected When The External Power Supply Is Powered, And Close When There Is No Power
6	Remote(ENO_OUT1B)	Status Signal Output	Keep Disconnected When The External Power Supply Is Powered, And Close When There Is No Power
8	Bat.M(EOUT4)	Status Signal Output	Status Signal Output UPS Working Mode Output Signal, Low Level When External Uin Is Powered, High Level 24V When Uin Is Cut Off And Powered By Battery
10	Bat.R(EOUT3)	Status Signal Output	UPS Internal Battery Status Output Signal, High Level When The Charging Capacity Reaches 85% (Configurable), Otherwise Low Level
12	ALM(EOUT2)	Status Signal Output	UPS Alarm Signal, Normally Low Level, When The External Power Supply Fails And The Power Is Lower Than 30% (Configurable), Output High Level 24V
14	SW(EOUT1)	Status Signal Output	UPS Switch Signal, The Default Shutdown Pulse Signal Is Sent After Setting The Shutdown Trigger Power (Default 90%) Or Shutdown Trigger Delay Time (Default 5S)
16	BATS (EDIN2)	Status Signal Input	UPS External Start Signal Status, When There Is A High Level Signal, UPS Keeps Output Until The Battery Power Is Lower Than The Protection Value
18	SGND	Status Signal Input Ground	