SIEMENS

Data sheet

6EP1935-5PG01-8AA0



SITOP UPS501S/5KWS/Expansion Module/EX

SITOP UPS501S EX expansion module 5 kWs for UPS500S (2.5 kWs, 5 kWs) degree of protection IP20 $\,$

type of energy storage energy content of energy storage protection and monitoring display version	memory	
display version • for normal operation • for normal operation • for normal operation Interfaces product component PC interface product function communication function design of the interface safety operating resource protection class protection class IP protection class IP standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval • UL Approval • Ves • ATEX • Yes • CSAus, Class 1, Division 2 • Yes • CCC for hazardous zone according to GB standard • Yes • CASAus, Class 1, Division 2 • Yes • CCC for hazardous zone according to GB standard • Yes • CASAus, Class 1, Division 2 • Yes • CCC for hazardous zone according to GB standard • Yes • CASAus, Class 1, Division 2 • Yes • CCC for hazardous zone according to GB standard • Yes • CASAus, Class 1, Division 2 • Yes • CCC for hazardous zone according to GB standard • Yes • CASAus, Class 1, Division 2 • Yes • CCC for hazardous zone according to GB standard • Yes • CASAus, Class 1, Division 2 • Yes • CCC for hazardous zone according to GB standard • Yes • CASAus, Class 1, Division 2 • Yes • CCC for hazardous zone according to GB standard • Yes • CASAus, Class 1, Division 2 • Yes • CCC for hazardous zone according to GB standard • Yes • CASAus, Class 1, Division 2 • Yes • CCC for hazardo	type of energy storage	with capacitors
display version	energy content of energy storage	5 kW.s
• for normal operation Interfaces product component PC interface product function communication function design of the interface safety operating resource protection class protection class IP protection class IP IP20 Standards, specifications, approvals certificate of suitability • CE marking • UL approval • USA approval • UKCA marking Yes • UKCA marking Yes • UKCA marking ATER at 40 °C standards, specifications, approvals hazardous environments certificate of suitability • IECEX • ATEX • CSA sporoal • CSA sporoal • CSA sporoal • ATEX • CSC for hazardous zone according to GB standard Yes standards, specifications, approvals marine classification shipbuliding approval Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • Det Norske Veritas (DNV) Standards, specifications, approvals Environmental Product Declaration en after end of life • O. Sg kg amblent conditions	protection and monitoring	
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Det Norske Veritas (DNV) Standards, specifications, approvals Environmental Product Declaration Environmental Product Declaration Yes Global Warming Potential [CO2 eq] total	Marine classification association	
standards, specifications, approvals Environmental Product Declaration Environmental Product Declaration Yes Global Warming Potential [CO2 eq] • total • during manufacturing • during operation • after end of life ambient conditions	 American Bureau of Shipping Europe Ltd. (ABS) 	No
Environmental Product Declaration Global Warming Potential [CO2 eq] total during manufacturing during operation during operation after end of life during conditions Yes 33 kg 32.5 kg 0 kg 0 kg 0.52 kg	 Det Norske Veritas (DNV) 	No; in preparation
Global Warming Potential [CO2 eq] • total 33 kg • during manufacturing 32.5 kg • during operation 0 kg • after end of life 0.52 kg ambient conditions	standards, specifications, approvals Environmental Product Dec	claration
 total during manufacturing during operation after end of life 0.52 kg 	Environmental Product Declaration	Yes
 during manufacturing during operation after end of life 0.52 kg ambient conditions	Global Warming Potential [CO2 eq]	
 during operation after end of life 0 kg 0.52 kg ambient conditions	• total	33 kg
• after end of life 0.52 kg ambient conditions	during manufacturing	32.5 kg
ambient conditions	during operation	0 kg
	after end of life	0.52 kg
ambient temperature	ambient conditions	
· · · · · · · · · · · · · · · · · · ·	ambient temperature	

during operation	0 60; with natural convection	
 during transport 	-40 +70	
during storage	-40 +70	
environmental category according to IEC 60721	Climate class 3K3, 5 95% no condensation	
connection method		
type of electrical connection	screw terminal	
• at output	can be connected to SITOP UPS500S via a plug-in system	
mechanical data		
width × height × depth of the enclosure	70 × 125 × 125 mm	
installation width × mounting height	70 mm × 225 mm	
required spacing		
• top	50 mm	
• bottom	50 mm	
• left	0 mm	
• right	0 mm	
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15	
 standard rail mounting 	Yes	
S7 rail mounting	No	
wall mounting	No	
housing can be lined up	Yes	
net weight	0.7 kg	
further information internet links		
internet link		
• to website: Industry Mall	https://mall.industry.siemens.com	
to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud	
to web page: power supplies	https://siemens.com/sitop	
 to website: CAx-Download-Manager 	https://siemens.com/cax	
• to website: Industry Online Support	https://support.industry.siemens.com	
additional information		
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)	
security information		
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the interpret if and to the extent such a connection is	

Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

ssifications					
		Version	Classification		
	eClass	14	27-04-07-05		
	eClass	12	27-04-07-05		
	eClass	9.1	27-04-07-05		
	eClass	9	27-04-07-05		
	eClass	8	27-04-06-90		
	eClass	7.1	27-04-06-90		
	eClass	6	27-04-06-90		
	ETIM	9	EC000382		
	ETIM	8	EC000382		
	ETIM	7	EC000382		

Approvals Certificates

General Product Approval

For use in hazardous locations

Manufacturer Declaration









CCC-Ex

For use in hazardous locations

Environment





last modified:

11/25/2024