## SIEMENS

## Data sheet

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## 6EP4133-0GA00-0AY0

## SITOP BAT1600/Battery module/24V/3.2AH

SITOP BAT1600 24 V DC 3.2 Ah Pb battery module with maintenance- fee closed lead-acid battery for SITOP UPS1600



end-charge voltage at DC     28 V       e at 0°C recommended     28 V       e at 0°C recommended     27.8 V       e at 0°C recommended     27.8 V       e at 0°C recommended     27.8 V       e at 0°C recommended     26.8 V       output current in buffering mode maximum     20.A       output voltage at DC rated value     20 A       output voltage at DC rated value     24 V       interaces     0       communication function     Yes       protection and monitoring     25A / 32V Maxi flat fuse       design of short-circuit protection     Valve control       display version for normal operation     Yes       ortett     Sa 10       protection clasis IP	electrical data	
• at 0 °C recommended       28 V         • at 10 °C recommended       27.8 V         • at 20 °C recommended       26.8 V         • at 30 °C recommended       26.8 V         • at 50 °C recommended       26.8 V         • output current rated value       20 A         output current in buffering mode maximum       20 A         peak current       60 A; for 30 ms         -charging current maximum       0.8 A         output vortated value       24 V         Interfaces	end-of-charge voltage at DC	
• at 10 °C recommended     27.8 V       • at 20 °C recommended     26.8 V       • at 30 °C recommended     26.8 V       • at 40 °C recommended     26.8 V       • at 50 °C recommended     26.4 Cr       • at 50 °C recommended     26.8 V       • at 60 °C reted value     26 V	<ul> <li>at -10 °C recommended</li> </ul>	28 V
• at 20 °C recommended       27.3 V         • at 30 °C recommended       26.8 V         • at 40 °C recommended       26.6 V         • at 60 °C recommended       26.8 V         • at 60 °C recommended       26.8 V         • at 60 °C recommended       26.8 V         • output	<ul> <li>at 0 °C recommended</li> </ul>	28 V
• at 30 °C recommended     26.8 V       • at 40 °C recommended     26.6 V       • at 50 °C recommended     26.3 V       output	<ul> <li>at 10 °C recommended</li> </ul>	27.8 V
• at 40 °C recommended       26.8 V         • at 50 °C recommended       26.3 V         output       26.3 V         output current rated value       20 A         output current rated value       20 A         output current rated value       20 A         peak current       60 A; for 30 ms         charging current maximum       0.8 A         output voltage at DC rated value       24 V         Interfaces	• at 20 °C recommended	27.3 V
• at 50 °C recommended       26.3 V         output	<ul> <li>at 30 °C recommended</li> </ul>	26.8 V
output         3.2 A·h           battery capacity         3.2 A·h           output current rated value         20 A           output current in buffering mode maximum         20 A           peak current         60 A; for 30 ms           charging current maximum         0.8 A           output voltage at DC rated value         24 V           Interfaces	<ul> <li>at 40 °C recommended</li> </ul>	26.6 V
battery capacity       3.2 A-h         output current rated value       20 A         output current in buffering mode maximum       20 A         peak current       60 A; for 30 ms         charging current maximum       0.8 A         output voltage at DC rated value       24 V         interfaces	• at 50 °C recommended	26.3 V
output current rated value     20 A       output current in buffering mode maximum     20 A       peak current     60 A; for 30 ms       charging current maximum     0.8 A       output voltage at DC rated value     24 V       Interfaces     2       communication function     Yes       protection and monitoring     25A / 32V Maxi flat fuse       design of the overload protection     25A / 32V Maxi flat fuse       design of the overload protection     Valve control       display version for normal operation     Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible       safety     operating resource protection class       operating resource protection class     Class III       protection class IP     IP20       standards, specifications, approvals     Yes       certificate of suitability     Yes       • CE marking     Yes       • UL approval     Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2, 201, File E143289; cCSAus (CSA 62368-1, UL62368-1)       • CSA approval     Yes; cULus-Listed (UL 61010-2, 201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2, 201, CSA C22.2 No.	output	
output current in buffering mode maximum       20 A         peak current       60 A; for 30 ms         charging current maximum       0.8 A         output voltage at DC rated value       24 V         interfaces       24 V         communication function       Yes         protection and monitoring       design of short-circuit protection         design of short-circuit protection       25A / 32V Maxi flat fuse         design of the overload protection       Valve control         display version for normal operation       Three-color: green = Buffer neady; yellow = Buffer endangered; red = Buffer not possible         safety       operating resource protection class       Class III         optection class IP       IP20         standards, specifications, approvals       certificate of suitability         • CE marking       Yes         • UL approval       Yes; cULus-Listed (UL 61010-1, UL61010-2:201, CSA 622; 2 No. 61010-1, CSA 622; 2 No. 61010-2; 201, File E143289; cCSAus (CSA 62368-1, UL62368-1)         • CSA approval       Yes; cULus-Listed (UL 61010-1, UL61010-2:201, CSA 622; 2 No. 61010-1, CSA 622; 2 No. 61010-1, CSA 622; 2 No. 61010-2; 201, File E143289; cCSAus (CSA 62368-1, UL62368-1)         • cCSA approval       Yes         type of certification CB-certificate       Yes         st	battery capacity	3.2 A·h
peak current       60 A; for 30 ms         charging current maximum       0.8 A         output voltage at DC rated value       24 V         interfaces       communication function         yets       protection and monitoring         design of short-circuit protection       25A / 32V Maxi flat fuse         design of the overload protection       Valve control         display version for normal operation       Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible         safety	output current rated value	20 A
charging current maximum       0.8 A         output voltage at DC rated value       24 V         Interfaces	output current in buffering mode maximum	20 A
output voltage at DC rated value     24 V       Interfaces	peak current	60 A; for 30 ms
Interfaces           communication function         Yes           protection and monitoring         25A / 32V Maxi flat fuse           design of short-circuit protection         25A / 32V Maxi flat fuse           design of the overload protection         Valve control           display version for normal operation         Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible           safety	charging current maximum	0.8 A
communication function         Yes           protection and monitoring         25A / 32V Maxi flat fuse           design of short-circuit protection         25A / 32V Maxi flat fuse           design of the overload protection         Valve control           display version for normal operation         Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible           safety         Operating resource protection class         Class III           protection class IP         IP20           standards, specifications, approvals         Class III           certificate of suitability         CE marking           • CE marking         Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO. 61010-1, CSA C22.2 NO. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)           • CSA approval         Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)           • CSA approval         Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)           • CSA approval         Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)           • protectificate of suitability         Yes           • ATEX         No           • cCSAus, Class 1, Division 2	output voltage at DC rated value	24 V
protection and monitoring         design of short-circuit protection       25A / 32V Maxi flat fuse         design of the overload protection       Valve control         display version for normal operation       Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible         safety          operating resource protection class       Class III         protection class IP       IP20         standards, specifications, approvals       certificate of suitability         • CE marking       Yes         • UL approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         • CSA approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         type of certification CB-certificate       Yes         standards, specifications, approvals hazardous environments       Yes         certificate of suitability       Yes         • CSA upproval       Yes	interfaces	
design of short-circuit protection       25A / 32V Maxi flat fuse         design of the overload protection       Valve control         display version for normal operation       Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible         safety	communication function	Yes
design of the overload protection       Valve control         display version for normal operation       Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible         safety           operating resource protection class       Class III         protection class IP       IP20         standards, specifications, approvals           certificate of suitability            • CE marking       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         • CSA approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 NO. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         type of certification CB-certificate       Yes         standards, specifications, approvals hazardous environments           certificate of suitability           • ATEX       No         • cCSAus, Class 1, Division 2       No	protection and monitoring	
display version for normal operation       Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible         safety       operating resource protection class       Class III         protection class IP       IP20         standards, specifications, approvals       certificate of suitability         • CE marking       Yes         • UL approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         • CSA approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         • CSA approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         • cSA approval       Yes         standards, specification CB-certificate       Yes         standards, specifications, approvals hazardous environments       Yes         certificate of suitability       • ATEX         • cCSAus, Class 1, Division 2       No	design of short-circuit protection	25A / 32V Maxi flat fuse
safety       operating resource protection class     Class III       protection class IP     IP20       standards, specifications, approvals     certificate of suitability       • CE marking     Yes       • UL approval     Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201, File E143289; cCSAus (CSA 62368-1, UL62368-1)       • CSA approval     Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)       type of certification CB-certificate     Yes       standards, specifications, approvals hazardous environments       certificate of suitability     No       • cCSAus, Class 1, Division 2     No	design of the overload protection	Valve control
operating resource protection class       Class III         protection class IP       IP20         standards, specifications, approvals       IP20         certificate of suitability       CE marking         • CE marking       Yes         • UL approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; oCSAus (CSA 62368-1, UL62368-1)         • CSA approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; oCSAus (CSA 62368-1, UL62368-1)         type of certification CB-certificate       Yes         standards, specifications, approvals hazardous environments       Yes         certificate of suitability       ATEX         • cCSAus, Class 1, Division 2       No	display version for normal operation	
protection class IP       IP20         standards, specifications, approvals       certificate of suitability         • CE marking       Yes         • UL approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         • CSA approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         • CSA approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1)         type of certification CB-certificate       Yes         standards, specifications, approvals hazardous environments       Yes         certificate of suitability       ATEX         • cCSAus, Class 1, Division 2       No	safety	
standards, specifications, approvals         certificate of suitability         • CE marking         • UL approval         Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         • CSA approval         Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         type of certification CB-certificate         Yes         standards, specifications, approvals hazardous environments         certificate of suitability         • ATEX         No         • cCSAus, Class 1, Division 2	operating resource protection class	Class III
certificate of suitability <ul> <li>CE marking</li> <li>UL approval</li> <li>Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)</li> <li>CSA approval</li> <li>Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO. 61010-1, CSA C22.2 NO. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)</li> <li>type of certification CB-certificate</li> <li>Yes</li> </ul> <li>type of certifications, approvals hazardous environments</li> <li>certificate of suitability         <ul> <li>ATEX</li> <li>CCSAus, Class 1, Division 2</li> <li>No</li> </ul> </li>	protection class IP	IP20
• CE markingYes• UL approvalYes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2.201), File E143289; cCSAus (CSA 62368-1, UL62368-1)• CSA approvalYes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2.201), File E143289; cCSAus (CSA 62368-1, UL62368-1)type of certification CB-certificateYesstandards, specifications, approvals hazardous environmentsYescertificate of suitabilityImage: Certificate of suitability• ATEXNo• cCSAus, Class 1, Division 2No	standards, specifications, approvals	
• UL approvalYes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)• CSA approvalYes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)type of certification CB-certificateYesstandards, specifications, approvals hazardous environmentsYescertificate of suitability • ATEX • cCSAus, Class 1, Division 2No	certificate of suitability	
• CSA approval       CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         • CSA approval       Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         type of certification CB-certificate       Yes         standards, specifications, approvals hazardous environments       Yes         certificate of suitability       • ATEX         • cCSAus, Class 1, Division 2       No	CE marking	Yes
CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         type of certification CB-certificate       Yes         standards, specifications, approvals hazardous environments       CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)         certificate of suitability       • ATEX         • cCSAus, Class 1, Division 2       No	UL approval	CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-
standards, specifications, approvals hazardous environments         certificate of suitability         • ATEX       No         • cCSAus, Class 1, Division 2       No	CSA approval	CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-
certificate of suitability     No       • ATEX     No       • cCSAus, Class 1, Division 2     No	type of certification CB-certificate	Yes
ATEX No     ccSAus, Class 1, Division 2 No	standards, specifications, approvals hazardous environments	
cCSAus, Class 1, Division 2     No	certificate of suitability	
	• ATEX	No
standards, specifications, approvals marine classification	• cCSAus, Class 1, Division 2	No
	standards, specifications, approvals marine classification	

shipbuilding approval	Yes
Marine classification association	
American Bureau of Shipping Europe Ltd. (ABS)	Yes
Det Norske Veritas (DNV)	in preparation
standards, specifications, approvals Environmental Product De	
Environmental Product Declaration	Yes
Global Warming Potential [CO2 eq]	
• total	16 kg
during manufacturing	9.4 kg
during operation	4.9 kg
after end of life	0.59 kg
ambient conditions	
ambient condition	For storage, mounting and operation of lead-acid batteries, the relevant
	DIN/VDE regulations or country-specific regulations (e.g. VDE 0510 Part 2/EN 50272-2) must be observed. You must ensure that the battery site is sufficiently ventilated. Possible sources of ignition must be at least 50 cm away.
ambient temperature	
<ul> <li>during operation</li> </ul>	-15 +50 °C
<ul> <li>during transport</li> </ul>	-20 +50 °C
during storage	-20 +40 °C
relative temporary capacity loss at 20 °C in a month typical	3 %
service life of energy storage	
• typical	capacity falls to 80 % of original capacity (according to EUROBAT)
● at 20 °C typical	4 a
● at 30 °C typical	2 a
• at 40 °C typical	1a
• at 50 °C typical	0.5 a
note	Along with the storage and operating temperature, other factors such as the duration of the storage period and the charge status during storage have a decisive influence on the possible useful life. Batteries should therefore be stored as briefly as possible, always fully charged, and within the temperature range 0 to +20 °C.
connection method	
type of electrical connection	screw terminal
	screw terminal 1 screw terminal each for 0.5 10 mm² for + BAT and - BAT
type of electrical connection	
type of electrical connection • for power supply unit	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT
type of electrical connection <ul> <li>for power supply unit</li> <li>for control circuit and status message</li> </ul>	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT
type of electrical connection <ul> <li>for power supply unit</li> <li>for control circuit and status message</li> </ul> mechanical data	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup>
type of electrical connection <ul> <li>for power supply unit</li> <li>for control circuit and status message</li> </ul> <li>mechanical data <ul> <li>width × height × depth of the enclosure</li> </ul></li>	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm
type of electrical connection <ul> <li>for power supply unit</li> <li>for control circuit and status message</li> </ul> <li>mechanical data <ul> <li>width × height × depth of the enclosure</li> <li>installation width × mounting height</li> </ul></li>	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm
type of electrical connection • for power supply unit • for control circuit and status message mechanical data width × height × depth of the enclosure installation width × mounting height required spacing	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm 89 × 256 mm
type of electrical connection <ul> <li>for power supply unit</li> <li>for control circuit and status message</li> </ul> <li>mechanical data <ul> <li>width × height × depth of the enclosure</li> <li>installation width × mounting height</li> <li>required spacing <ul> <li>top</li> </ul> </li> </ul></li>	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm 89 × 256 mm 50 mm
type of electrical connection • for power supply unit • for control circuit and status message mechanical data width × height × depth of the enclosure installation width × mounting height required spacing • top • bottom	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm 89 × 256 mm 50 mm 50 mm
type of electrical connection • for power supply unit • for control circuit and status message mechanical data width × height × depth of the enclosure installation width × mounting height required spacing • top • bottom • left • right fastening method	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm 89 × 256 mm 50 mm 50 mm 0 mm 0 mm 0 mm snaps onto DIN rail EN 60715 35x15 or wall mounting with accessories wall mounting set 6EP4990-0MK00-0XU0
type of electrical connection • for power supply unit • for control circuit and status message mechanical data width × height × depth of the enclosure installation width × mounting height required spacing • top • bottom • left • right fastening method • standard rail mounting	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm 89 × 256 mm 50 mm 0 mm 0 mm 0 mm snaps onto DIN rail EN 60715 35x15 or wall mounting with accessories wall mounting set 6EP4990-0MK00-0XU0 Yes
type of electrical connection • for power supply unit • for control circuit and status message mechanical data width × height × depth of the enclosure installation width × mounting height required spacing • top • bottom • left • right fastening method • standard rail mounting • S7 rail mounting	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm 89 × 256 mm 50 mm 50 mm 0 mm 0 mm snaps onto DIN rail EN 60715 35x15 or wall mounting with accessories wall mounting set 6EP4990-0MK00-0XU0 Yes Yes
type of electrical connection • for power supply unit • for control circuit and status message mechanical data width × height × depth of the enclosure installation width × mounting height required spacing • top • bottom • left • right fastening method • standard rail mounting • S7 rail mounting • wall mounting	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm 89 × 256 mm 50 mm 50 mm 0 mm 0 mm 0 mm snaps onto DIN rail EN 60715 35x15 or wall mounting with accessories wall mounting set 6EP4990-0MK00-0XU0 Yes Yes Yes
type of electrical connection • for power supply unit • for control circuit and status message mechanical data width × height × depth of the enclosure installation width × mounting height required spacing • top • bottom • left • right fastening method • standard rail mounting • S7 rail mounting • wall mounting net weight	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm 89 × 256 mm 50 mm 50 mm 0 mm 0 mm 0 mm snaps onto DIN rail EN 60715 35x15 or wall mounting with accessories wall mounting set 6EP4990-0MK00-0XU0 Yes Yes Yes 3.8 kg
type of electrical connection • for power supply unit • for control circuit and status message mechanical data width × height × depth of the enclosure installation width × mounting height required spacing • top • bottom • left • right fastening method • standard rail mounting • S7 rail mounting • wall mounting net weight number of cells	1 screw terminal each for 0.5 10 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 2.5 mm <sup>2</sup> 89 × 156 × 169 mm 89 × 256 mm 50 mm 50 mm 0 mm 0 mm 0 mm snaps onto DIN rail EN 60715 35x15 or wall mounting with accessories wall mounting set 6EP4990-0MK00-0XU0 Yes Yes Yes
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