SIEMENS

Data sheet

6EP4135-0GE00-0AY0



SITOP BAT1600 24 V DC 12 Ah Pb battery module with maintenance- fee closed lead-acid battery for SITOP UPS1600 $\,$



electrical data		
end-of-charge voltage at DC		
• at -10 °C recommended	28 V	
• at 0 °C recommended	28 V	
• at 10 °C recommended	27.8 V	
at 20 °C recommended	27.3 V	
• at 30 °C recommended	26.8 V	
• at 40 °C recommended	26.6 V	
• at 50 °C recommended	26.3 V	
output		
battery capacity	12 A·h	
output current rated value	40 A	
output current in buffering mode maximum	40 A	
peak current	120 A; for 30 ms	
charging current maximum	3 A	
output voltage at DC rated value	24 V	
interfaces		
communication function	Yes	
protection and monitoring		
design of short-circuit protection	50A / 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	
CSA approval	Yes; cCSAus (CSA C22.2 No. 62368-1, UL 62368-1)	
UKCA marking	Yes	
type of certification CB-certificate	Yes	
standards, specifications, approvals hazardous environments		
certificate of suitability		
• ATEX	No	
• cCSAus, Class 1, Division 2	No	
standards, specifications, approvals marine classification		
shipbuilding approval	Yes	

Marine classification association		
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that support the secure operation of plants, systems, machines and networks.	•	that support the secure operation of plants, systems, machines and networks.

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Classifications

	Version	Classification
eClass	14	27-05-04-03
eClass	12	27-05-04-03
eClass	9.1	27-05-04-03
eClass	9	27-05-04-03
eClass	8	27-05-04-03
eClass	7.1	27-05-04-03
eClass	6	27-05-04-90
ETIM	9	EC000357
ETIM	8	EC000357
ETIM	7	EC000357

Approvals Certificates

General Product Approval





Manufacturer Declaration







Dangerous goods

Environment

<u>Dangerous goods information</u>



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11/8/2024