



SIMATIC S7-1200, Battery Board BB 1297 for long-term buffering of the real time clock, plug-in in the signal board receptacle of the S7-12XX (FW3.0 or higher); Battery (CR1025) not included in scope of delivery

Interrupts/diagnostics/status information		
Alarms	Yes	
Diagnostics function	Yes	
Diagnostics indication LED		
• for maintenance	Yes; The maintenance LED (MAINT) of the PLC signals that the battery needs to be replaced.	
Degree and class of protection		
IP degree of protection	IP20	
Standards, approvals, certificates		
CE mark	Yes	
CSA approval	Yes	
FM approval	Yes	
RCM (formerly C-TICK)	Yes	
Marine approval	Yes	
Ambient conditions		
Free fall		
• Fall height, max.	0.3 m; five times, in product package	
Ambient temperature during operation		
• min.	-20 °C	
• max.	60 °C	
Ambient temperature during storage/transportation		
• min.	-40 °C	
• max.	70 °C	
Air pressure acc. to IEC 60068-2-13		
• Operation, min.	795 hPa	
• Operation, max.	1 080 hPa	
• Storage/transport, min.	660 hPa	
• Storage/transport, max.	1 080 hPa	
Relative humidity		
• Operation at 25 °C without condensation, max.	95 %	
Dimensions		
Width	38 mm	
Height	62 mm	
Depth	21 mm	
Weights		
Weight, approx.	40 g	
Classifications		
	Version	Classification

eClass	16	27-24-22-92
eClass	14	27-24-22-92
eClass	12	27-24-22-92
eClass	9.1	27-24-22-92
eClass	9	27-24-22-92
eClass	8	27-24-92-90
eClass	7.1	27-24-92-90
eClass	6	27-24-92-90
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval



[Miscellaneous](#)

General Product Approval	EMV	For use in hazardous locations
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[China RoHS](#)



[EM](#)



For use in hazardous locations	Maritime application
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[Miscellaneous](#)

[CCC-Ex](#)



Maritime application

[NK / Nippon Kaiji Kyokai](#)



[CCS \(China Classification Society\)](#)

[KR \(Korean Register of Shipping\)](#)

last modified: 7/2/2025