



SIMATIC S7-1200,  
BATTERY BOARD BB 1297 FOR LONG-TERM BACKUP  
OF THE REALTIME CLOCK;  
PLUGGABLE IN THE SIGNAL BOARD S7-12XX CPU  
(FW3.0 AND LATER);  
BATTERY (CR1025) NOT INCLUDED

Interrupts/diagnostics/status information	
Alarms	
Alarms	Yes
Diagnostic messages	
Diagnostic functions	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	
IP20	Yes
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
RCM (former C-TICK)	Yes
FM approval	Yes
Marine approval	
Marine approval	Yes
Marine approval according to American Bureau of Shipping	Yes

<b>Marine approval according to Bureau Veritas</b>	Yes
<b>Marine approval according to Det Norske Veritas</b>	Yes
<b>Marine approval according to Germanischer Lloyd</b>	Yes
<b>Marine approval according to Lloyds Register of Shipping</b>	Yes
<b>Climatic and mechanical conditions for storage and transport</b>	
<b>Climatic conditions for storage and transport</b>	
<b>Free fall</b>	
<b>Drop height, max. (in packaging)</b>	0.3 m ; five times, in dispatch package
<b>Temperature</b>	
<b>Permissible temperature range</b>	-40 °C to +70 °C
<b>Air pressure acc. to IEC 60068-2-13</b>	
<b>Permissible air pressure</b>	1080 to 660 hPa
<b>Relative humidity</b>	
<b>Permissible range (without condensation) at 25 °C</b>	95 %
<b>Mechanical and climatic conditions during operation</b>	
<b>Climatic conditions in operation</b>	
<b>Temperature</b>	
<b>Min.</b>	-20 °C
<b>max.</b>	60 °C
<b>Air pressure acc. to IEC 60068-2-13</b>	
<b>Permissible air pressure</b>	1080 to 795 hPa
<b>Mechanics/material</b>	
<b>Type of housing (front)</b>	
<b>Plastic</b>	Yes
<b>Dimensions</b>	
<b>Width</b>	38 mm
<b>Height</b>	62 mm
<b>Depth</b>	21 mm
<b>Weights</b>	
<b>Weight, approx.</b>	40 g
Status	May 7, 2014