



AN EXCHANGE OF TECHNICAL INFORMATION

Number: TL007 - 2022
Subject: ML5 Battery Handling

Released: March 22, 2022

With the ML5 controller (Model 69NT40-571-XXX) Carrier Transicold released Lithium battery packs (Standard Battery Pack, p/n 79-66081-20 and Extended Life, p/n 79-66085-20) that are shipped with a 30% state of charge (SOC) due to current shipping restrictions. Due to this, it is important to understand the recommended storage conditions and shelf life.

79-66081-20



79-66085-20



For optimal storage, the batteries should be kept in a dry environment and stored between the temperature range of -20°C and 25°C. At this, the batteries typical shelf life is as follows:

- Standard Battery: If state of charge (SOC) is 30%, it would be ~7.5 months; if SOC is 100%, it would be ~17 months
- Extended Life Battery: If state of charge (SOC) is 30%, it would be ~15 months; if SOC is 100%, it would be ~ 34 months

Once installed in a system, the battery will fully charge and effectively function.

	Approximate Charge Time	
SOC	79-66081-20	79-66085-20
5% to 30%	30-40 min	60-80 min
30% to 100%	100-120 min	200-240 min

Service Engineering / Container Products

Please circulate copies of this bulletin to all service and management personnel as soon as possible.