



Service Information Letter



SIL# 1-GENERAL-0110
January, 2010

SUBJECT: Rechargeable Lithium Battery Charging with Christie Chargers
MODELS: All CASP and RF80-K

NOTICE: Rechargeable Lithium batteries in general require certain precautions, monitoring, sensors and/or failsafes during charging and discharging. It is very important to use the battery manufacturer's recommended monitoring equipment and to follow manufacturer approved procedures and not to deviate or modify these procedures. Rechargeable Lithium cells when improperly charged/discharged can experience catastrophic failure including fire and venting with flame.

Christie battery chargers are designed for use with the following batteries/cell types:

	CASP	RF80-K
Cell Type	Sealed Cell	Vented NiCad, Sealed Lead Acid, Silver Zinc
Battery Chemistries	nickel-cadmium, lead-acid, nickel metal hydride, silver zinc	nickel-cadmium, lead-acid, silver zinc

If you intend to use these products with rechargeable Lithium battery packs or cells, take all necessary precautions and follow the battery manufacturer's recommendations for charging and testing their batteries. Christie battery chargers do not presently measure direct battery temperature, incorporate SM-BUS communications or include internal lithium battery management circuitry. **If you have any questions or concerns, please contact us to discuss your specific application.**

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