

## **Green-Cap Awarded the UL Certification**

SAMWHA Electric has been granted the UL810A certification of Green-cap **DA** (3.0V Snap-in type) and **DB** (2.5V&2.7V Snap-in type) series cells to further strengthening our position as a worldwide EDLC manufacturer.

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		COMPLETIO	N (U	L)	
	AUTHORIZATION TO	APPLY THE		-	
MR. DooHwan Kim SAM WHA ELECTR 92 BOKDAE-DONG CHONGJU-SHI, CH	NC CO LTD	170, KR	202	0-06-12	
Our Reference:	File MH47785, Vol 1		13220812 4789361230		
Your Reference: Project Scope:	Kim, DooHwan 4769301230 [MH47765,BBBG2]Vol.1 Sec.1, EDLC models series/New basic models & Changes of currently RIC models (Electrolyte and maximum ambient temp)				
Dear MR. DooHwa	n Kim:				
Number and the pro temporarily supplem UL Mark at authoriz with the intended as manufacturing locat Records in the Folio	L's investigation of your produc iduct was determined to compl ients the UL Follow-Up Service of factories under UL's Follow thorization to use the UL Mark ion currently authorized under w-Up Services Procedure cov re. Until then, this letter autho	y with the applicable is Procedure and se Up Service Program you must send a o File MIH47765, Vol 1 ering the product are	e requirements. This letter inves as authorization to app m. To provide your manufact opy of this notice to each 1. e now being prepared and w	ly the turer(s)	
Additional requirem	ents related to your responsibil bilities related to Early Authoriz				
	documentation provided to yo authorized licensee of UL.	u involving UL Mark	services are provided on be	half of	
	are now able to apply the UL M me or any of our Customer Se			155.	
Very truly yours,		Reviewed by:			
MyungHyun Cho Engineer Project A Myunghyun Cho		Bruce A. Mahn CPO Director Bruce A.Mahne	enholz enholz@ul.com		

The UL810A is a specific certification for Electric Double Layer Capacitors and is essential for key markets such as UPS and automotive applications, both of which are growing markets for SAMWHA Electric.

DB series from 100 to 400F had been granted the UL certification since 2011. We've added larger capacitance of 600F for both 2.5V and 2.7V cells and all DA series into the list of products with UL810A certificate.

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Many experts are expecting EDLC to grow rapidly and become new generation of energy storage system. It will substitute batteries in automotive and industrial market of start-stop function or energy regeneration.

Along with UL certification, Green-cap has RoHS (Restriction of Hazardous Substances Directive), which is a European Commission "Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment" as well as ISO 14001:2015 management systems standards and IATF 16949:2016.