



CAMEL
骆驼股份

EOL-PPC&CR test result

Presentation Date: MAY 2026
Camel Group Co. LTD.



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Battery Information	battery 1	battery 2	battery 3
Battery type	Flooded	Flooded	AGM
Container size	D26	D26	LN2
Cn/Ah	70Ah	70Ah	60Ah
Ce / Ah	71.956 Ah	62.612 Ah	65.514 Ah
Ageing type	40°C14.4V 50%DOD	40°C14.4V 50%DOD	25°C 17.5%DOD
Life weeks, units, or cycles	66cycle	48cycle	18unit
Reason for Ending	failure	failure	minimum requirement
EOL-Ce/Ah	66.544Ah	62.781Ah	56.567Ah
EOL-Ce/ %Cn	95%	89.7%	94.3%

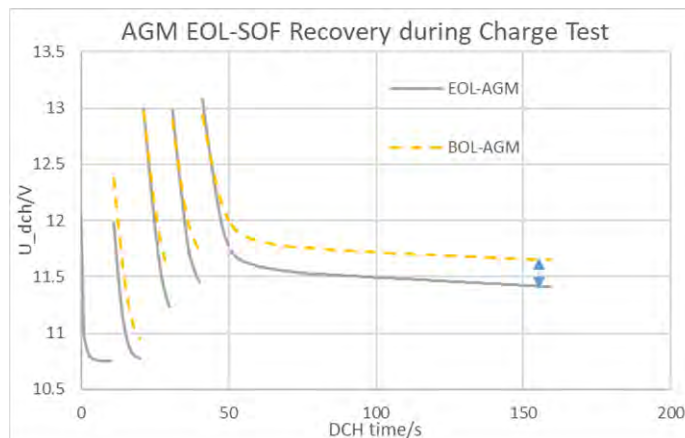
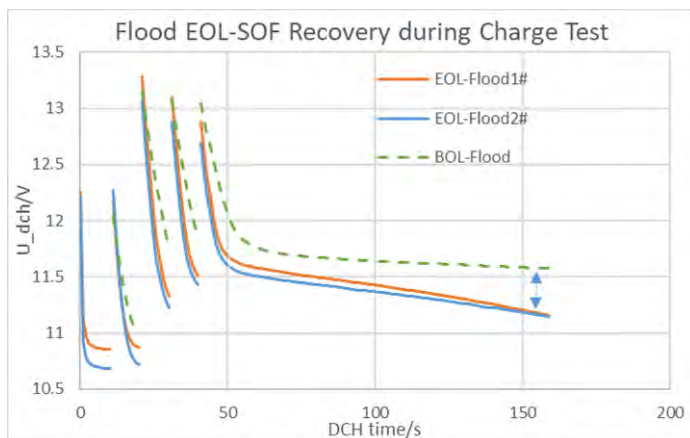
we selected 3 batteries, See this table,
Then , under PPC EOL and CR protocol following IEC draft.
--PPC: All EOL samples met IEC requirements with good margin
--CR: SOC recovery is slowed down , But after 2-3% charging, the
SOF is increased to meet the minimum requirements.

EOL-PPC data	Requirement	Category	% of Cn	EOL-Flood1#	EOL-Flood2#	EOL-AGM
U2s1	≥10.7V	2, 3	10%	11.37	11.22	10.929
U2s2	≥9.8V			10.318	10.071	9.997
U2s1	≥10.3V	1	25%	10.953	10.806	10.625
U2s2	≥9.3V			9.949	9.669	9.706

EOL-CR data		BOL-CR-REQ		1#	2#	3#
Recovery	Result	min req	state-of-the-art	EOL-Flood1#	EOL-Flood2#	EOL-AGM
SOC-30min	Q(30') /Cn	≥2%	≥4%	1.56%	1.88%	2.03%
SOC-120min	Q(120') /Cn	≥8%	≥15%	4.61%	5.39%	8.59%
SOF-1min	U10s(1')-U10s(0')	/	≥ 0.2 V	0.018	0.033	0.026
SOF-10min	U10s(10')-U10s(0')	≥ 0.3 V	≥ 0.5 V	0.471	0.544	0.479
SOF-30min	U10s(30')-U10s(0')	≥ 0.5 V	≥ 0.7 V	0.655	0.752	0.702
SOF-120min	U10s(120')-U10s(0')	≥ 0.7 V	≥ 0.9 V	0.827	0.919	1.027

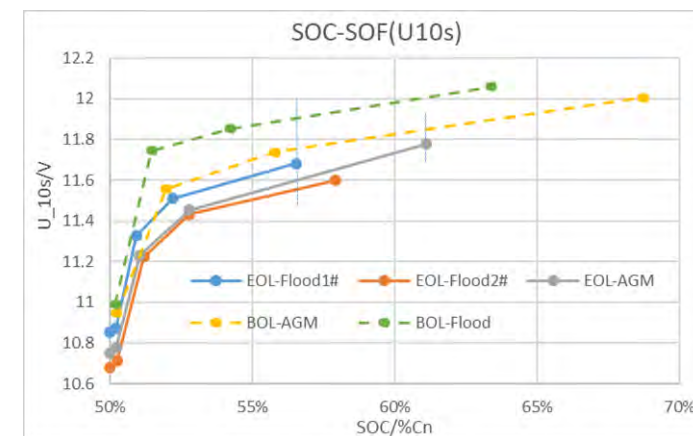
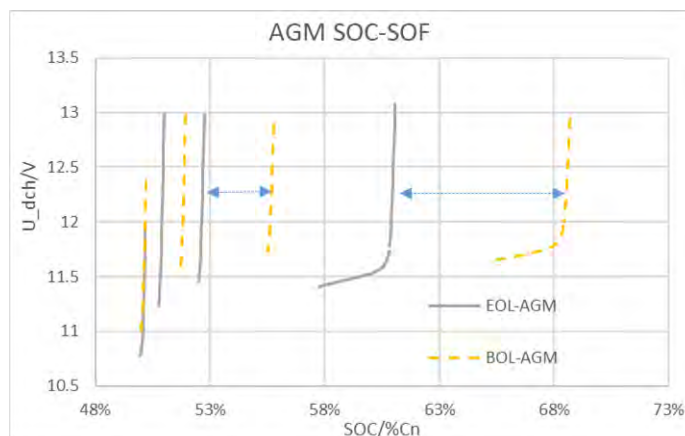
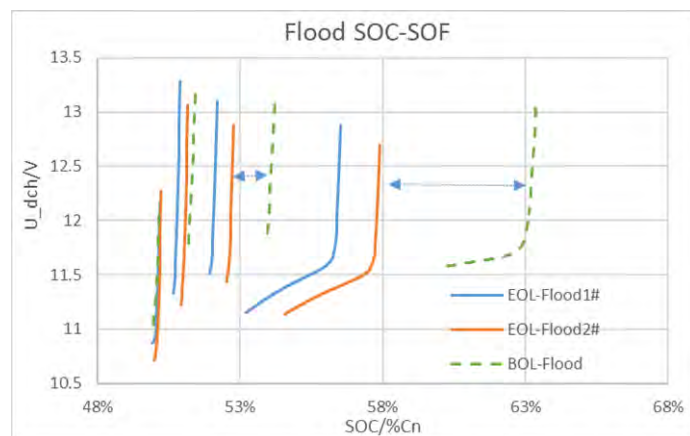


EOL-PPC&CR test result



1. Compared to the BOL-CR data of similar products, the results of EOL-CR are worse, SOF and SOC are both lower. And AGM and Flood show the same conclusion.

2. According to the SOC-SOF (U10s) graph, it can also be predicted that even when charged to the same SOC, EOL-CR-SOF will be lower than BOL.



THANK YOU



VALUES

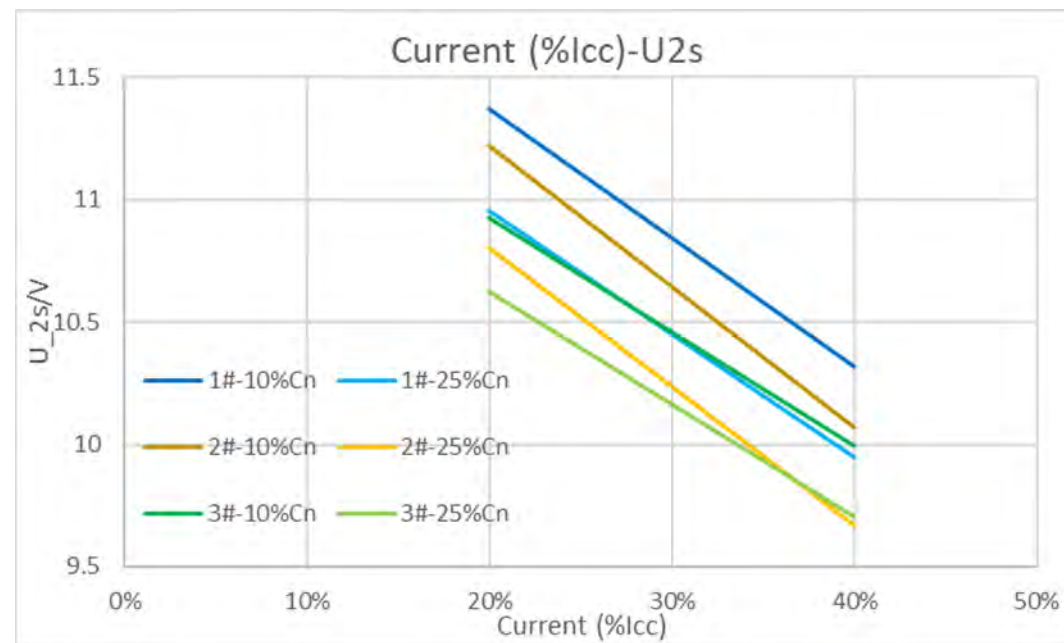
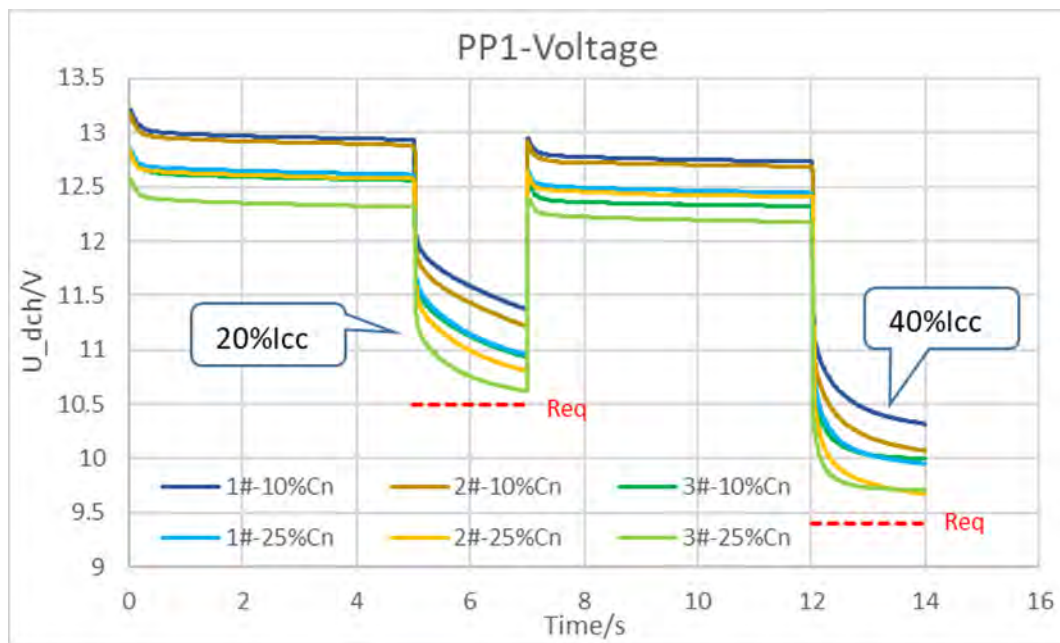
Integrity Diligence Thinking Innovation

VISION

**Build a century-old enterprise, be a globally
leading energy service provider**



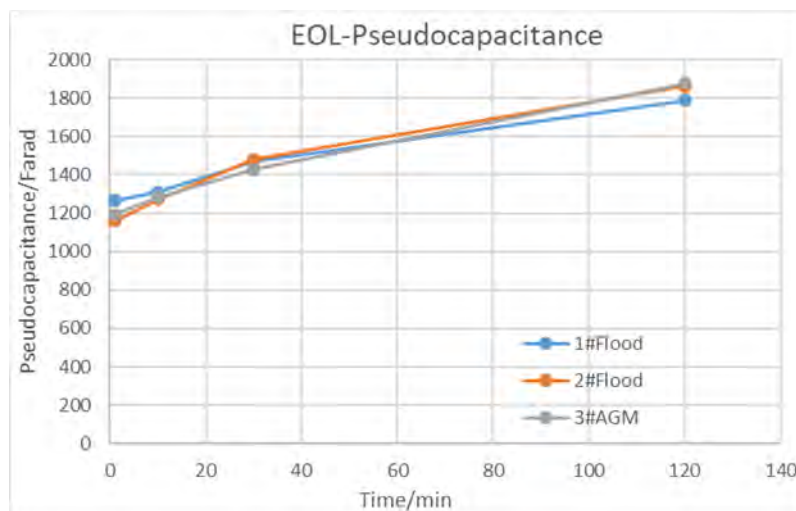
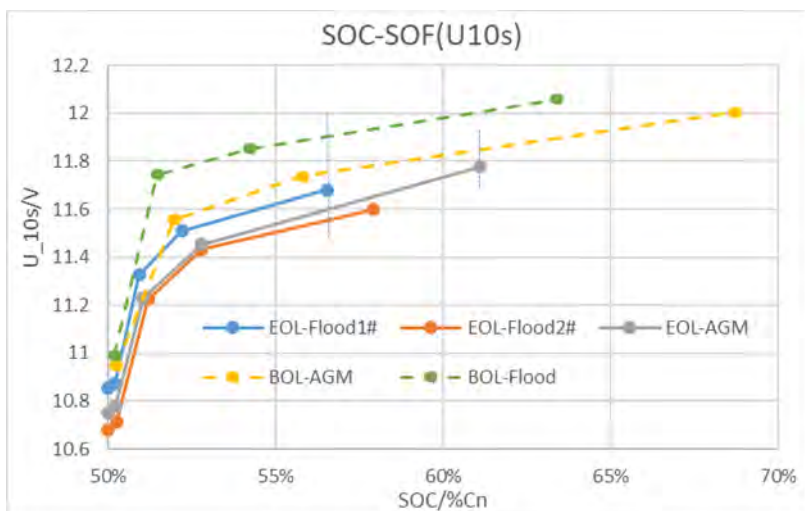
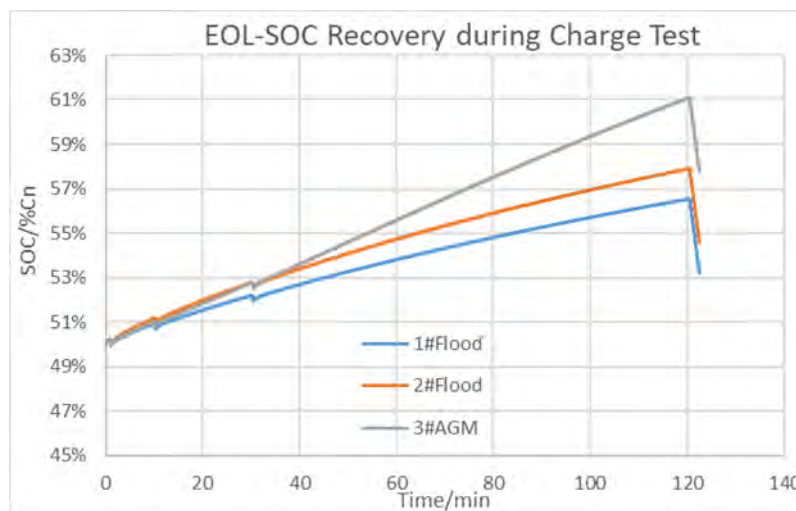
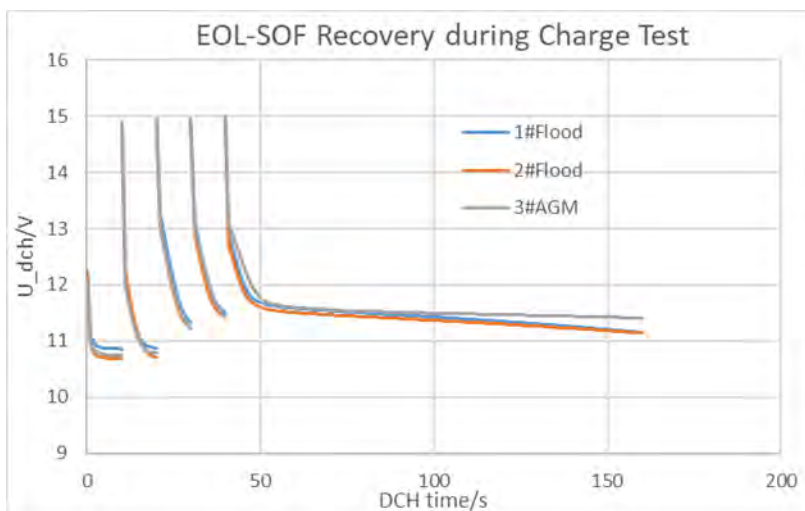
EOL-PPC test result



PPC: All EOL samples met IEC requirements with good margin



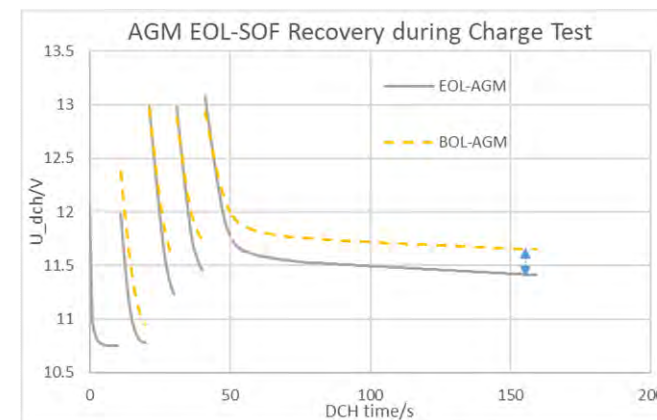
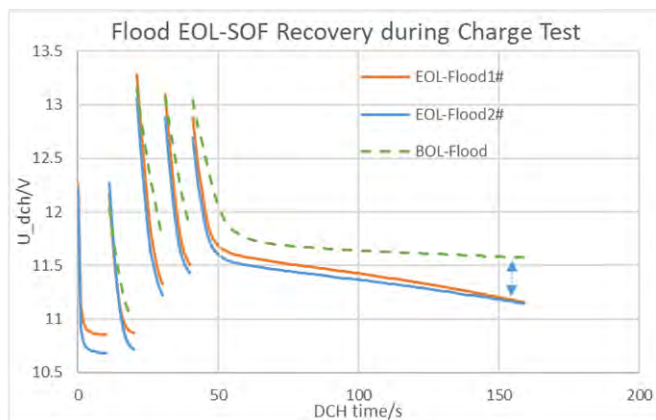
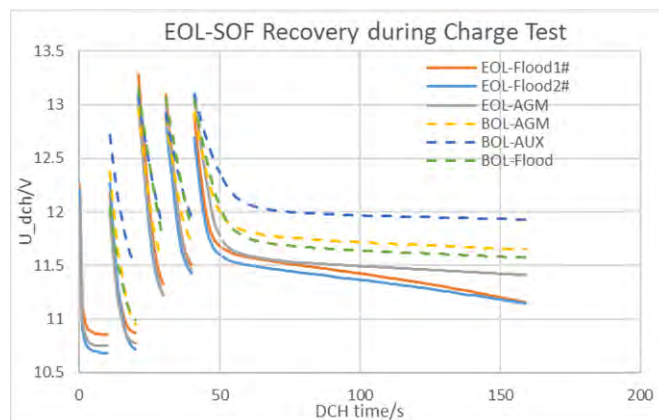
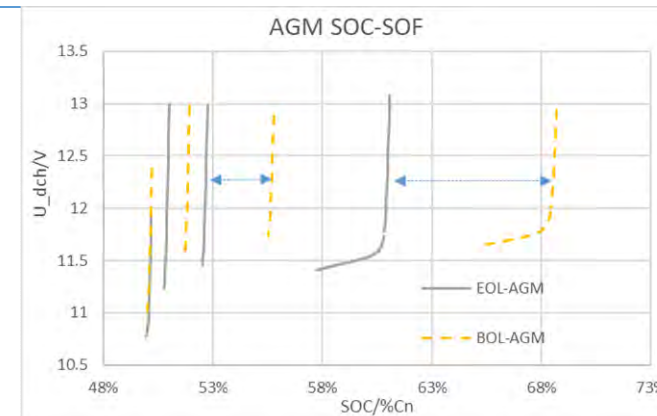
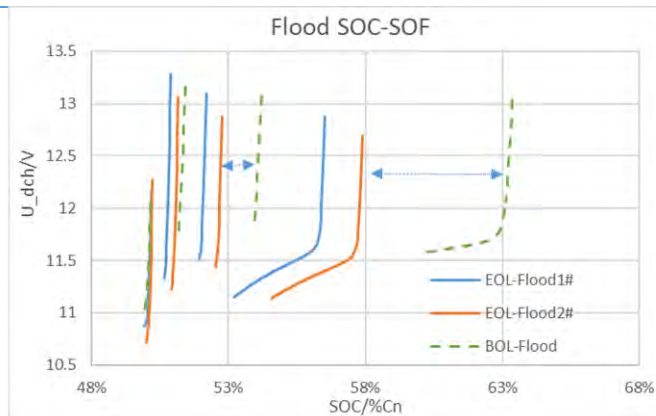
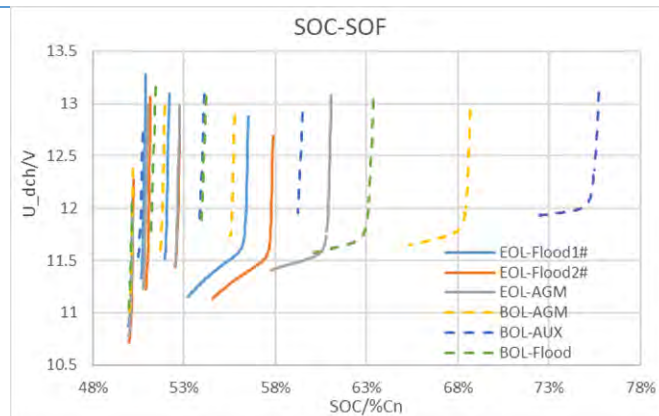
EOL-CR test result



1. Pseudocapacitance calculation method :
SOF test current divided by voltage slope dU/dt for 1...3 sec discharge duration, multiplied by 6.
2. It shows a rising trend during each charge test (from 1min to 120min)



EOL-CR test result



1. Compared to the BOL-CR data of similar products, the results of EOL-CR are worse, SOF and SOC are both lower. And AGM and Flood show the same conclusion.

2. According to the SOC-SOF (U_{10s}) graph, it can also be predicted that even when charged to the same SOC, EOL-CR-SOF will be lower than BOL.

Kunping Yu, Camel Group, MAY 2026