



BLACK DIAMOND
STRUCTURES™



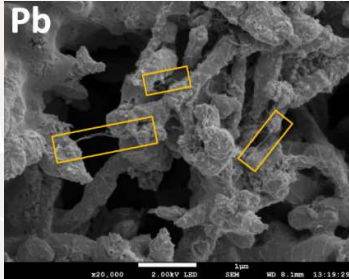
Innovative
Nanomaterial
Solution

Pb 2100N Series



Inverter

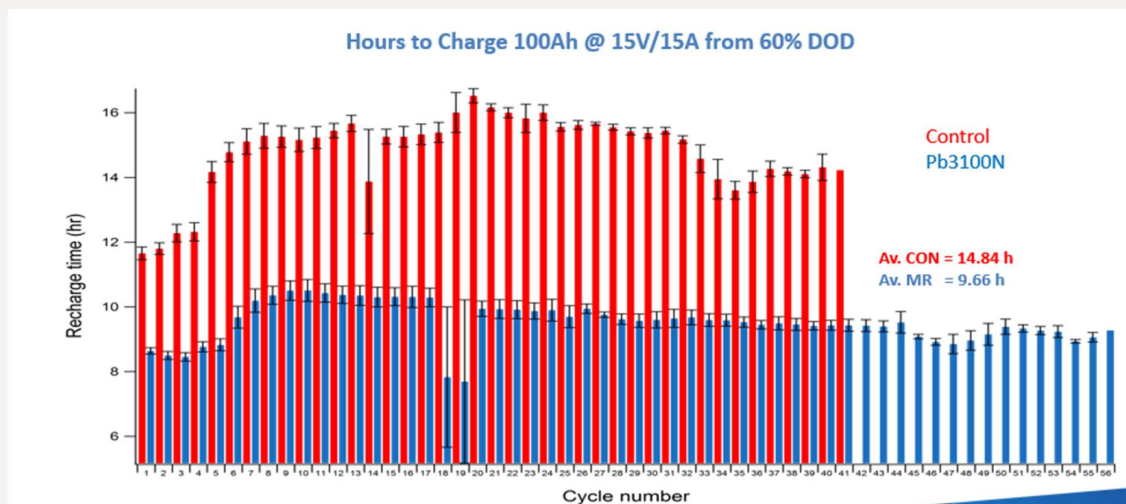
Inverter



MOLECULAR REBAR® - based products provide nanoscale, electroactive reinforcements which act to bring the active material together, reinforcing electrode structure, alter interparticle connectivity and morphology to enhance active material structure, overcome structural and chemical limitations that induce failure.

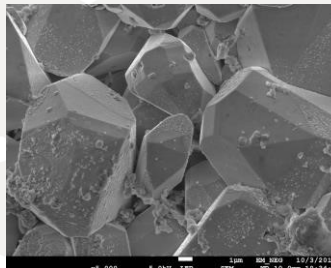
Technical Advantages

MOLECULAR REBAR® when added in negative plates can increase the field life of the Inverter batteries dramatically, enables quick and efficient charging that keeps sulphation and water loss at minimum.

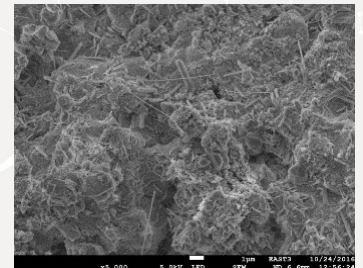


Pb2100N enables 35% fast charging. Reduces sulphation and related failures.

After life cut-open plate microscopy analysis shows Pb2100N maintains the crystal structure from sulphation and increases life of the battery



Control



Pb2100N