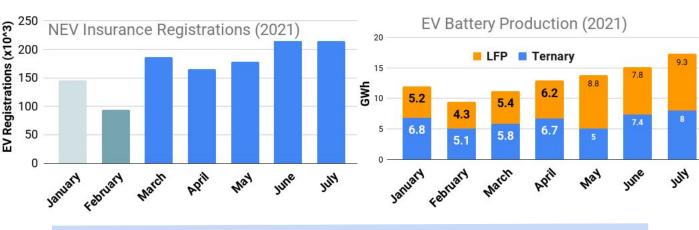
China EV, Battery and Energy Storage headlines August 2021



by the numbers Semi Annual 2021: China EV

Batteries

EV Production Jan-Jul- 1.5million EV Battery Jan-Jul- 92.1 GWh Spodumene Concentrate \uparrow 110% Lithium Carbonate (99%) spot price \uparrow 70% Lithium hydroxide (56.5%) spot price \uparrow 91.8% Cobalt Hydroxide spot price \uparrow 30% Nickel sulfate spot price \uparrow 15% CAM materials 475 kt- \uparrow 169% (190kt NMC, 176 kt LFP) Anode materials 333kt spot price \uparrow 30% Cobalt Hydroxide spot price \uparrow 30% Lithium Hexaflourophosphate spot price \uparrow 264%

Raw Materials & Battery Chemicals

Lithium battery raw materials Ave- August 31 spot prices 99.5% Li CO (115k RMB/ton) 56.5% LiOH.H.O (129k RMB/ton) Spodumene 6[%] CIF China (910 USD/ton) **Precursors (523,622,811)** (121,132,142.5k RMB/ton) (181,195.5,226k RMB/ton) CAM (523,622,811) LiFePO₄ (EV) 59k_RMB/ton 53k RMB/ton LiFePO₄ (ESS) Graphite (Natural/Synthetic) 55/70k RMB/ton LiPF 420k RMB/ton **PVDF-** Battery Grade 290k RMB/ton Vinylene Carbonate 350k RMB/ton



(Qinghai) Complete 2**0kt/yr** Li₂CO₃ project, now enters trial production



Imitation is the sincerest form of flattery 2021 The MINI EV show

MIIT released the "Announcement on Road Motor Vehicle Manufacturers and Products" (batch 347). A highlight of the list was the large number of MINI EV's in the vein of the popular Wuling Hongguang Mini EV