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Supplementary Information

Aligned Carbon Nanotube/Polymer Hybrid Electrolytes for High Performance Dye Sensitized Solar Cell Applications

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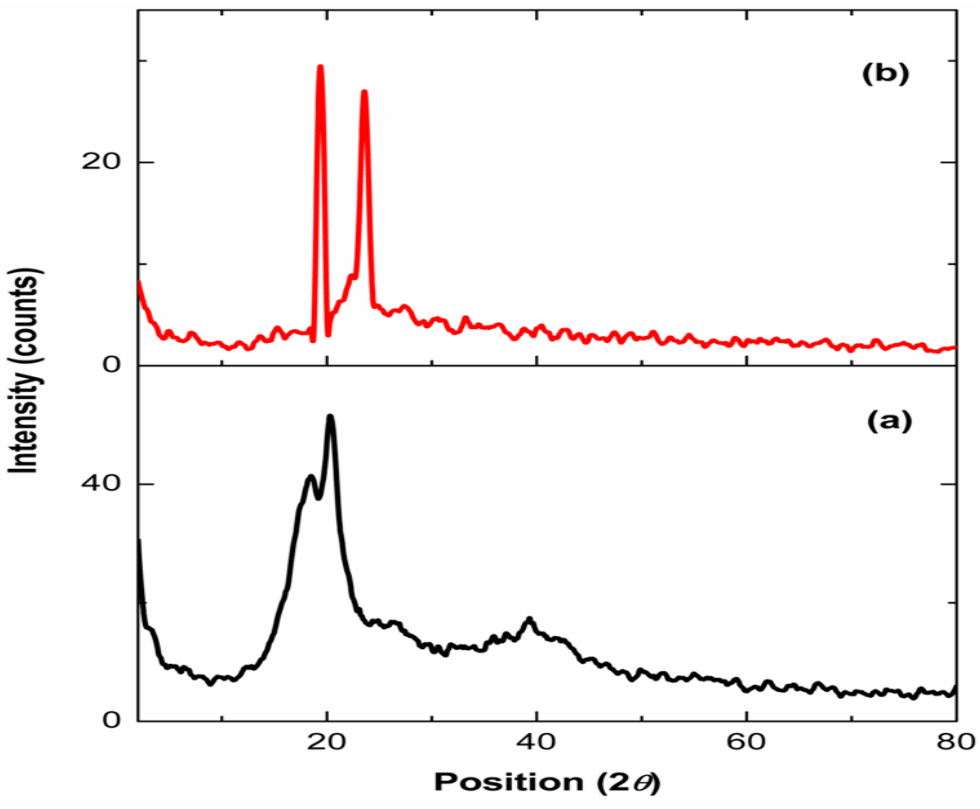

Fig. S1† WAXD patterns of (a) PVDF-HFP and (b) PEO

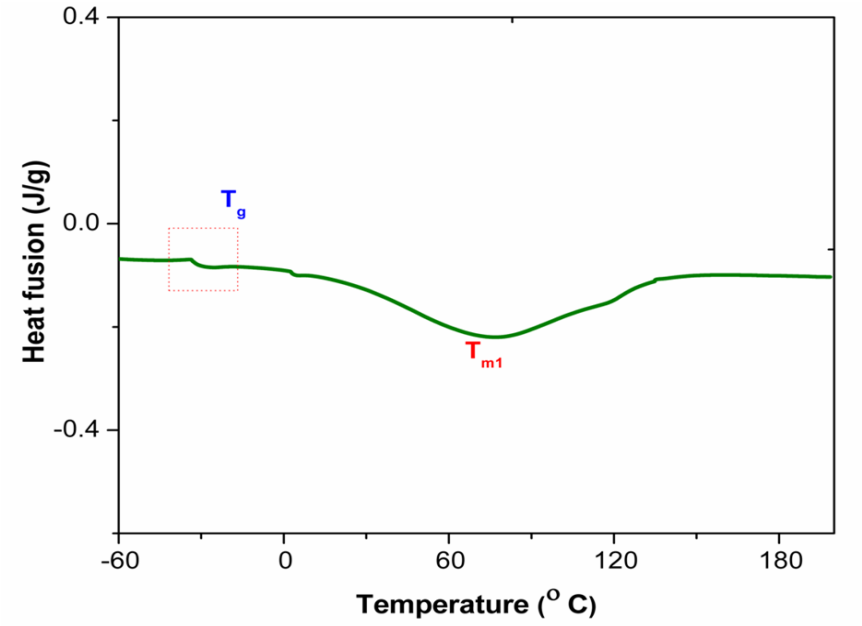

Fig.S2† DSC curve of [a]MWCNT-PEO/ PVDF-HFP/electrolyte membrane

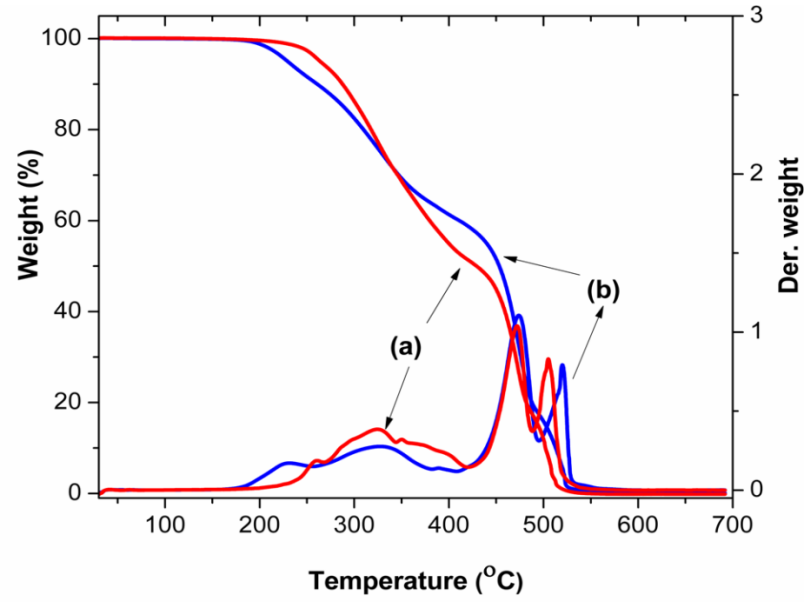

Fig. S3† TGA and DTA curves of (a) PEO/PVDF-HFP and (b) PEO/PVDF-HFP-MWCNT nanocomposite membrane

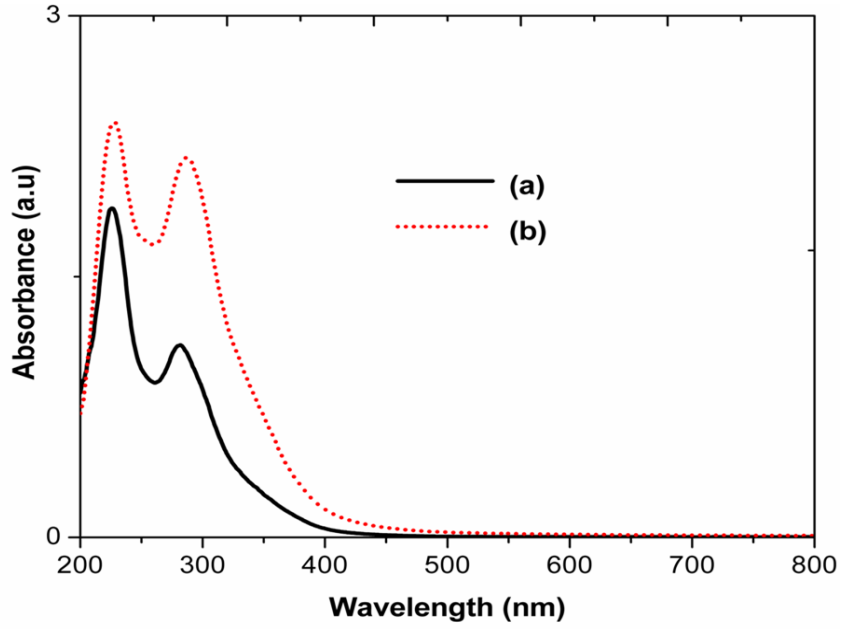

Fig. S4† UV-Visible spectra of (a) PEO/PVDF-HFP and (b) PEO/PVDF-HFP-MWCNT nanocomposite electrolyte

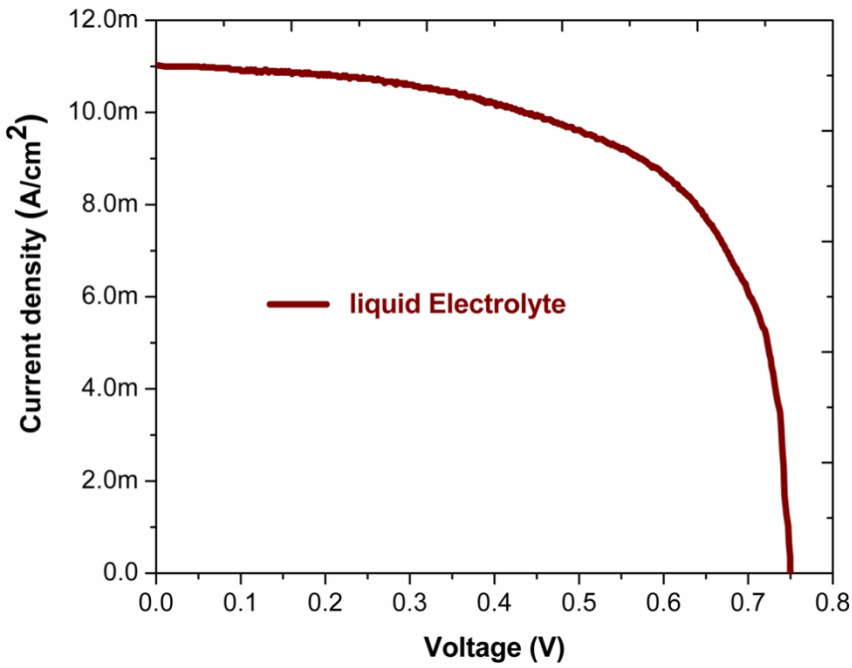

Fig. S5† J-V characteristics curves of liquid electrolyte

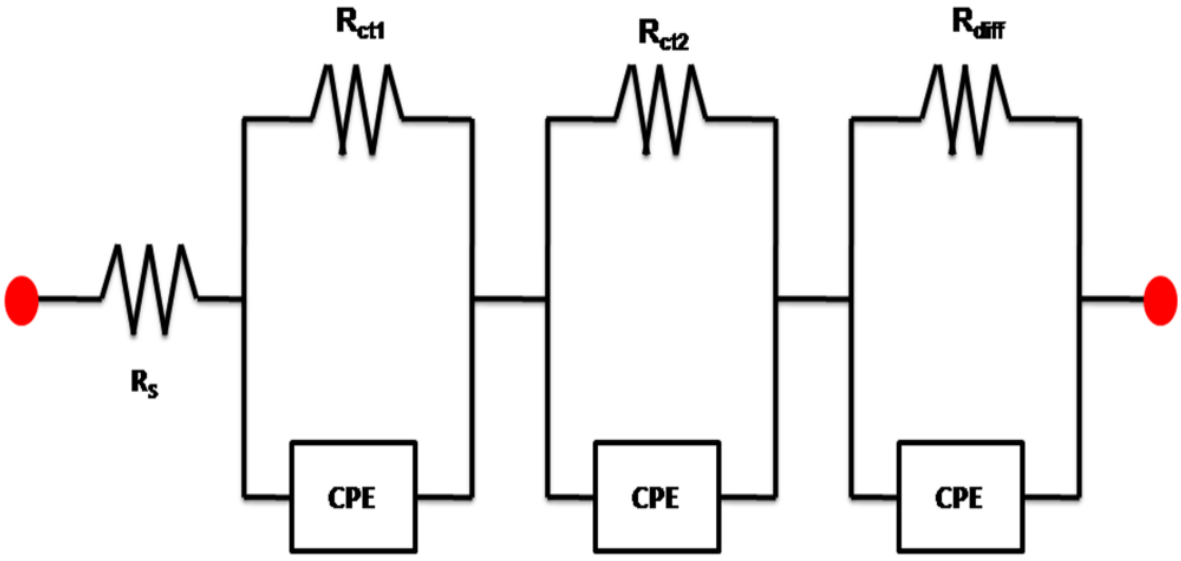

Fig. S6† Equivalent circuit for EIS spectra of DSSC