Assumptions:

- Typical Rack: 120V ~ 12Amps ~ 1440Watts ~ 1.5Kw
- PDU Input L5-30P to Floor Source L5-30R

Solution Requirements:

1. Run rack @ 1500 Watts (1.5Kw) for 3-6 hours
2. Input source L5-30P (connect under tiles)
3. Output source L5-30R (move existing PDU into UPS)

Options:

COA 1 – Eaton (8U):

1. 1x Eaton UPS 9PX3000RT UPS (Max 4x EBMs)
2. 3x Eaton 9PXEBM48RT

Notes:

- Eaton UPS 9PX3000RT UPS / 2U

https://www.eaton.com/us/en-us/skuPage.9PX3000RT.html

- Eaton External Battery Module (EBM) 9PXEBM48RT ~ 1.9 Hr (2U)

https://www.eaton.com/us/en-us/skuPage.9PXEBM48RT.html

Unpublished ~ 2880 KWhr (48V x 60Ah)

COA 2 – Liebert (10U) ~ 3 Hours:

1. 1x GXT5-3000LVRT2UXL (Max EBC 6)
2. 4x GXT5-EBC36VRT2U

Notes:

- Liebert GXT5 https://www.vertiv.com/49e9f3/globalassets/products/critical-power/uninterruptible-power-supplies-ups/gxt5-500lvrt2uxl/vertiv-liebert-gxt5-500va---3000va-vrla-user-guide.pdf
- Ah for GXT5-EBC36VRT2U ~ ? .6KWhr ? (36V x 18Ah ~ 686 Wh)