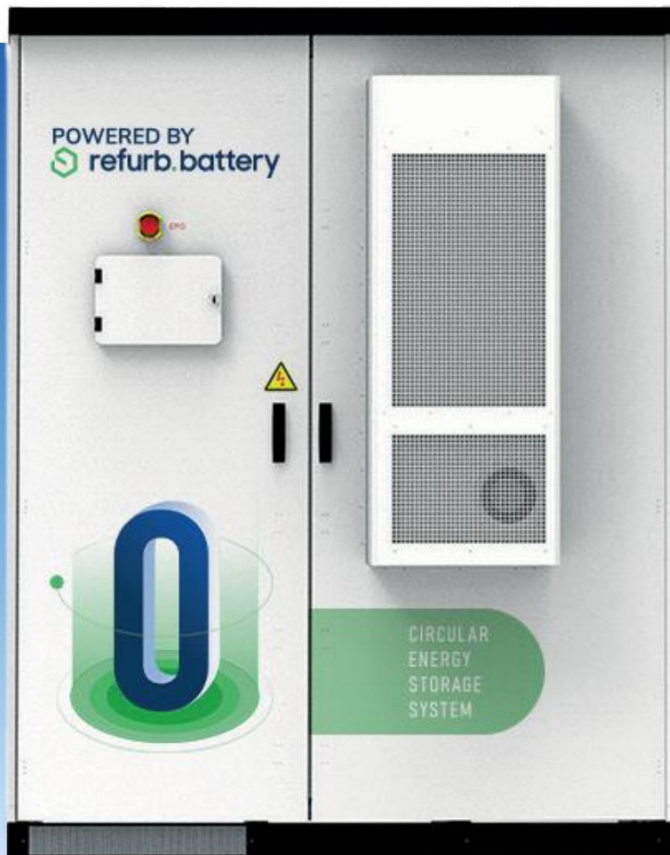
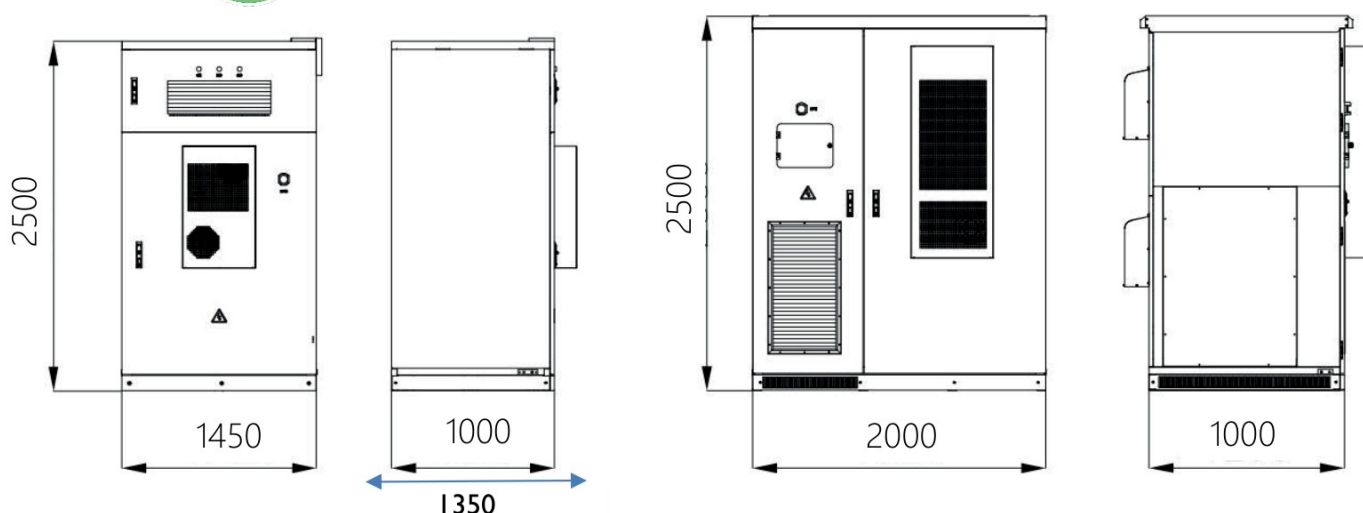


CIRCULAR ENERGY STORAGE SYSTEM

53 kWh / 84 kWh / 100 kWh / 185kWh





PRODUCT SPECIFICATIONS

| | | | | |
|-------------------------------------|--|------------------|------------------|------------------|
| | 35kVA/53kWh (Concept! **) | 50kVA/84kWh | 50kVA/100kWh | 100kVA/184kWh |
| Model | 35 (53 kWh) | 50 (84 kWh) | 50 (100 kWh) | 100 (184 kWh) |
| PV input | Optional | Optional | Optional | Optional |
| Isolation Transformer | Optional | Optional | Optional | Optional |
| Battery (DC) | | | | |
| Rated Battery Capacity | 53 kWh | 84 kWh | 100 kWh | 184 kWh |
| Rated System Voltage | 576V | 806V | 806V | 806V |
| Battery type | Circular NMC | | | |
| Battery Cell capacity | 2600mAh | 2900mAh | 3500mAh | 2900 / 3500mAh |
| Series of battery | 40P*16S*10S | 40P16S*14S | 40P*16S*14S | 40P*16S*14S |
| Load (AC) | | | | |
| Rated AC Power | 35kVA | 50kVA | 50kVA | 100kVA |
| Rated AC Current | 68A | 72A | 72A | 144A |
| Rated AC Voltage | 400V,3P+N+PE,50/60Hz | | | |
| General Parameters | | | | |
| Protection Level | IP55 | | | |
| Isolation Mode | Non-Isolation (Adding isolation transformer is optional) | | | |
| Environmental Operating temperature | -25~45° | | | |
| Altitude | 3000m (>3000m derating) | | | |
| Communication interface | Ethernet / Mod-bus TCP | | | |
| Dimensions (W*D*H)* | 1450*1350*2500mm | 1450*1350*2500mm | 1450*1350*2500mm | 2000*1332*2500mm |
| Weight (with battery) | 1300kg | 1400kg | 1400kg | 2400kg |

*Afmeting diepte is maximaal inclusief koeling en airducts. Doordat we 2 leveranciers hebben kunnen maten afwijken (Note: Alleen kleiner worden) ** 35/53 is nog concept welke uitgewerkt dient te worden.