

Power: 20kW

Energy Stored: 300kWh

redT 20-300 Specifications



redT 20-300 energy storage machine

The redT 20-300 is designed primarily for mid-sized commercial & industrial applications requiring discharge durations of more than 15 hours. The machine is ideal for firming renewable generation, removing grid constraints or optimising diesel gensets to improve efficiency and reduce overall opex costs.

redT machines can operate alongside renewables, diesel, the local grid or a combination of the three. Our patented Vanadium Redox Flow technology offers exceptionally long machine life of 25 years, meaning the machine can be cycled from 0% - 100% multiple times each day without significant degradation.



Renewables



Off-Grid



Telco



Grid Services

System Performance	
Rated Power	20kW
Nominal Voltage	96V
Rated Current	250A
Energy Capacity	300kWh
Usable Depth of Discharge	100%
DC/DC Efficiency	70-80%
System Life	>25 Years

Dimensions	
Container	20ft Container
L x W x H	6058 x 2438 x 2896 mm
Weight (Dry)	8250kg
Weight (Filled)	29250kg

Control & Integration	
Inverter/Power Control System	Compatible with a range of off-the-shelf & bespoke systems
Remote Monitoring	Web-based SCADA interface
Application Control	Control schemes can be implemented for a wide range of applications

Your own energy infrastructure...



Low Levelised Cost of Storage (LCOS)



100% Depth of Discharge



>25 Year Asset Life



Low Maintenance



Fully Recyclable



Safe