

### redT 5-40 Specifications



### redT 5-40 energy storage machine

The redT 5-40 is ideal for use in large domestic or small commercial applications which require discharge durations of 8 hours or more. This makes it ideal for timeshifting renewables in large domestic buildings, commercial premises or telecom infrastructure.

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	5kW
Maximum Power	10kW
Nominal Voltage	48V
Rated Current	125 Amps
Energy Capacity	40kWh
Usable Depth of Discharge	100%
DC/DC Efficiency	70-80%
System Life	>25 Years

#### Dimensions

Container	9ft Container
L x W x H	2930 x 2200 x 2260 mm
Weight (Dry)	1908kg
Weight (Filled)	4708kg

#### 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