



Battery Feature - Checklist

ESA

ESSENTIAL FEATURES

Affordable - with reasonable payback	✓
Maintenance FREE	✓
High quality (Prismatic) battery cells	✓
Off peak charging (grid)	✓
Scalable and expandable battery packs (capacity)	✓
High round trip efficiency (93%)	✓
Long Cycle Warranty (6000+ or 10 years)	✓
Grid outage back-up power	✓
Grid Island Mode (operate during grid failure)	✓
PROVEN reliability - (UK engineering & top seller - over 78 million hours of monitoring data)	✓
Effective charge rate (2.5kWh)	✓
AC & DC coupling	✓

ADVANCED FEATURES

Smart meter compatible	✓
Demand side response	✓
Voltage correction	✓
BMS software in battery packs AND inverter	✓
Export limitation	✓
Remote battery maintenance	✓
Multi power source chargeable (e.g. generator)	✓

BASIC FEATURES

New and retrofit capable	✓
Light weight	✓
Mountable (wall)	✓
Compact	✓
Automatic transfer switch (between modes)	✓

SOFTWARE FEATURES

Software ALARM notifications	✓
Real time monitoring	✓
Generation and consumption monitoring	✓
Storage and export monitoring	✓
Remote firmware upgradeable	✓
APP's available	✓