

ITECH120X



BENEFITS

- Lithium replacement storage battery
- Charges from solar (12v Regulator must be used)
- Charges from DCDC
- Charges from AC 240v to 12v charger
- Last 4 times as long as lead acid batteries
- Equivalent to 200AH lead acid battery capacity
- 105AH usable power
- 270AH Max Discharge
- Unlimited parallel connection
- Series connection for 24v - 30v max
- Prismatic Cells
- 12kg * 330mm wide * 173mm depth * 225mm height
- 3 Year warranty

ELECTRICAL SPECIFICATIONS

Nominal Voltage: **12.8v**
C20 Rating usable amps 10v: **105Ah**
Short Circuit Protection: **Yes**

OPERATING TEMPERATURES

Optimal range: **+ 5°C to + 60°C**
BMS Operational Range: **-40°C to + 80°C**
Safety Protection Isolator: **80°C**

CHARGE SPECIFICATIONS

Recommended Charge Current: **20A - 50A**
Minimum charge current: **2A**
Maximum Charge Current: **100A**
Recommended Charge Voltage: **14.4v**
BMS Charge Cut Off Voltage: **15v**
BMS Low Voltage Cut Off: **8.5v to 9v**

DISCHARGE SPECIFICATIONS

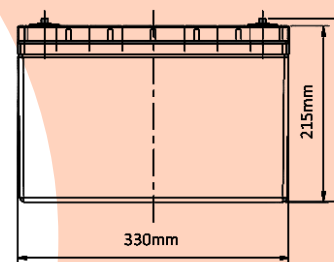
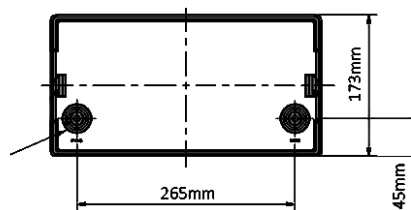
Peak Discharge: **270A (5 sec)**
5 Minute Discharge: **175A**
Continuous Discharge: **150A**
Life Cycles 80%: **2000 +**
Life Cycles 50%: **5000 +**
Life Cycles 30%: **8000 +**

COMPLIANCE

UL certified 1642
IP67 Rated
CE Certified
Rohs Certified
UN38.3 Certified
ISO 9001 Certified
ISO 1400 Certified

MECHANICAL SPECIFICATIONS

Dimensions (LxWxH): **330*173*215mm**
Weight: **12kg**
Terminal Type: **M8**
Case Material: **ABS**



CONTACT

sales@itechworld.com.au
1300 483 249
www.itechworld.com.au