



12-36-6700

Volts	36
1HR Energy (kWh)	6.7
1HR Capacity (Ah)	175
Length in / mm	18.5 / 472
Width in / mm	13.7 / 348
Height in / mm	14.7 / 375
Weight lb / kg	192 / 87
20HR Equivalent Lead Acid Capacity (Ah)	350



12-48-6650

Volts	48
1HR Energy (kWh)	6.65
1HR Capacity (Ah)	130
Length in / mm	18.5 / 472
Width in / mm	13.7 / 348
Height in / mm	14.7 / 375
Weight lb / kg	192 / 87
20HR Equivalent Lead Acid Capacity (Ah)	260

ACCESSORIES



Discover Advanced Energy System compatible State of Charge (SOC) indicators communicate with the battery's integrated BMS to display accurate SOC information

Discover®
Innovative Battery Solutions

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4 year performance warranty!

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Discover®
Innovative Battery Solutions

ADVANCED ENERGY SYSTEMS

LiFePO₄ BATTERIES



“ Can you afford diminished productivity from your people and equipment investments? If not, you need better tools. ”



It is easy to build a lithium battery but it is extremely **difficult** to design and build a **robust battery** that will survive serious electrical and mechanical destructive testing

- **LiFePO₄** is the most stable lithium chemistry
- Commitment to **integrity, third party verification, and certification**
 - UN 3480, UN 38.3, UL1973, IEC 62133, UL 2271



Plug and Play, closed loop communications for adaptive, **real time interaction** between AES and equipment

- State of charge is no longer an estimate, it is a **real number**
- Perfect **charge control** when paired with LYNK[®] enabled chargers



Significantly **outlast** lead acid batteries and dramatically **reduce** your customer's **energy storage costs** over the life of their system

- Continuously operate at **partial state of charge**, discharge and charge to **100%** of its rated capacity (lead acid batteries start to dramatically lose capacity the moment they are put in service)
- Provide **90% of original capacity 10x longer** than high quality lead acid batteries

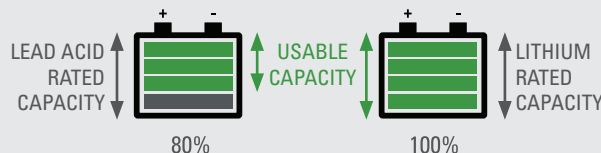


Scalable battery capacity to meet the runtime and autonomy requirements of your industrial application

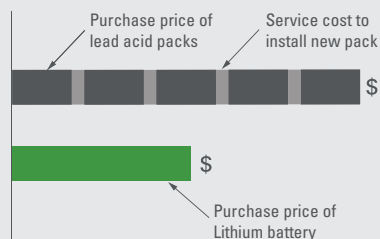


Double the runtime and energy output over lead acid banks of the same capacity

- Provides up to **2x** the usable energy in a single cycle versus lead acid without risk of damaging the battery



Total **cost of ownership** is almost half that of flooded batteries, before energy savings



Fully recharge up to **5x faster** than new lead acid batteries



Enables AES batteries to **handle high charge and discharge current requirements** common to industrial applications

- **1C** continuous charge and discharge capability and up to **4x** peak current handling
- Flat and stable voltage during discharge **reduces motor fatigue and wear and tear**



15-24-1000

Volts	24
1HR Energy (kWh)	1.0
1HR Capacity (Ah)	40
Length in / mm	10.2 / 258
Width in / mm	6.6 / 167
Height in / mm	7.8 / 198
Weight lb / kg	27.3 / 12.4
20HR Equivalent Lead Acid Capacity (Ah)	80



14-24-2800

Volts	24
1HR Energy (kWh)	2.8
1HR Capacity (Ah)	110
Length in / mm	13 / 330
Width in / mm	13.7 / 348
Height in / mm	10.8 / 276
Weight lb / kg	88 / 40
20HR Equivalent Lead Acid Capacity (Ah)	220



15-36-1000

Volts	36
1HR Energy (kWh)	1.0
1HR Capacity (Ah)	25
Length in / mm	10.2 / 258
Width in / mm	6.6 / 167
Height in / mm	7.8 / 198
Weight lb / kg	27.3 / 12.4
20HR Equivalent Lead Acid Capacity (Ah)	50

