ITY3-EX100HB

VRLA (Valve Regulated Lead Acid) batteries are lead batteries with a sealed safety valve container for releasing excess gas in the event of internal overpressure.
Their development was aimed at limiting the emission of hydrogen into the atmosphere and to avoid the use of liquid electrolyte. The liquid electrolyte is replaced by gel electrolyte (GEL technology) or absorbed inside the separators (AGM technology) to prevent acid leaking.
Sealed batteries do not allow for water to be added to the electrolyte, therefore the evaporation of the water contained in the electrolyte, due for example to high room temperatures or internal heating as a result of charging/discharging cycles, decreases their lifetime.

Strong points

- Total protection during downtime
- Easy installation and maintenance
- Electrical protection coordination for your safety

General characteristics

- Standard degree of protection: IP20.
- Optional degree of protection: IP32.
- Operating temperature: 0÷40 °C (+15 ÷ +25 °C recommended for long battery life).
- Ambient storage and transport temperature: -5 °C ÷ +40 °C max (recommended: 25 °C).
- Relative humidity (condensation-free): up to 95%.
- Product declaration: CE.

Compliance with standards

- CE
- EN 62040-1

Access to resources (ex: manuals)

Classification

ETIM Class	EC002850

Commerce

Description (240 char.)	ITYS NORMAL LIFE BATTERY CABINET, 1 STRING,DCCABLESFOR6000VA-8500VA -10000VA UPS
Effective date	2021-02-15
Country of origin	CN
Weight [kg]	55.2

ETIM - Mechanical characteristics

Width [mm]	225
Height [mm]	589
Depth [mm]	416

ETIM - Technical features

Type of accessory/spare part	Battery/accumulator

Logistics

GTIN/EAN	8027122746106
Customs number	8507208090

Technical Characteristics

Depth [mm]	416
Height	589
In/out	1/1
Width	225
Sn [kVA]	10
Rate (min)	6
Rate (max)	10
Life Time	03-05