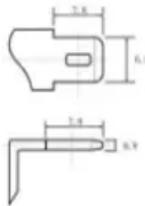
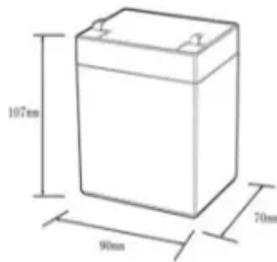


A-Core Container

High temperature outdoor power supply

12.8V6Ah



Nominal voltage (V):12.8
Nominal capacity (ah):6
Rated energy (WH):76.8
Maximum charging voltage (V):14.6
Maximum charging current (a):6
Floating charge voltage (V):13.6~13.8
Maximum continuous discharge current (a):10
Maximum peak discharge current @10 seconds (a):20
Maximum load power (W):100
Discharge cut-off voltage (V):10.8
Charging temperature (°C):0~+50
Discharge temperature (°C): -20~+60
Working humidity: <95% R.H (non condensing)
Number of cycles (25 °C, 0.5c, 100%dod): >2000
Cell combination mode: 32700-4s1p
Terminal specification: T2 (6.3mm)
Protection grade: IP65
Overall dimension (mm):90*70*107mm
Reference weight (kg):0.7
Certification: un38.3/msds

Overview

How hot can a high temperature power supply withstand?

We qualify and derate our high temperature components significantly for the application. Our standard and custom high temperature power supplies range from 2.5V up to 150kV and, in some instances, they can withstand temperatures of up to 225°C.

Why should a power supply have a wide operating temperature range?

Depending on the application, a power supply with a wide operating temperature range may provide better reliability and a longer operating lifetime, prevent the need for a cooling fan or other special design consideration for thermal management, and reduce the overall cost of your system.

What types of power supplies are available?

The High Temperature X-ray HVPS, the 100kV Neutron Generator HVPS, the 2kV PMT power supply, the 100V Ultrasonic Transducer power supply and the High Temperature Multiple-Output Low Voltage DC Converters are just a few of the options available. However, we customize products to fit any applications you require and deliver them in a timely fashion.

Who is American high voltage?

American High Voltage specializes in high temperature DC converters and power supplies for clients in a wide range of industries. We're a worldwide leader in custom-designed high temperature power supplies and DC converters and produce a number of standard and custom products to stand up to harsh environments with extreme temperatures.

How do I get a high temperature DC converter?

Contact American High Voltage at 775-777-0992 today or email us to obtain one of the high temperature DC converters and power supplies we have in

stock or to custom order. AHV offers a wide range of both Standard and Custom High Temperature power supplies. Designed to withstand severe and harsh environments.

What are AHV power supplies?

AHV offers a wide range of both Standard and Custom High Temperature power supplies. Designed to withstand severe and harsh environments. Designed to withstand severe and harsh environments. Designed to withstand severe and harsh environments. Designed to withstand severe and harsh environments.

High temperature outdoor power supply

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://a-core.pl>