

Heat Pipes system SCO1

Description

This heat pipe sub-system has been designed to cool down IGBT in large UPS systems. Its reliability is utmost important due to the application itself and to its worldwide use.

Main Characteristics

Its working position is vertical, IGBT being at the bottom. 6 systems are installed 3 by 3 in front of each other and fans contribute to forced dissipation of heat. The whole system is housed in the cabinet. Its dimensions can be modified according to need in power dissipation, air flow strength and speed.

- Power: 2000 to 4000 W
- R_{th} : = 20°C/kW
- Air flow: 120 l/s
- Heat pipe : water
- Air temperature : +25° C to +45° C

