



EPI UPS JOIN FORCES TO SAFEGUARD SINGAPORE CHANGI INTERNATIONAL AIRPORT

EPI X5T-20 (20KVA) UPS was installed at Basement 1 of Changi Airport Terminal 1, supports the servers and workstations for the Fault Monitoring Centre 1.

Due to the space constrain, there is only a limited empty space left behind by the 2 units of old aged and dysfunctional UPSes for our X5T-20.

With our small footprint, it slid into this limited space perfectly with an extra room for ventilation circulation. Although the X5T-20 requires DC Link of 62 blocks, it has its advantages. Due to high DC link, it helps to minimize the battery capacity. Another great feature utilized is the built-in dry contact within the UPS itself without the need to have add-ons accessories.

EPI X5 systems have sinusoidal absorption with distortion $\leq 4\%$ and power factor 0.99, parallelable in redundancy or power configuration up to 4 units, even after installation, to cope with increasing needs. EPI X5 series is a high frequency UPS from Italy, ranges from 10 kVA to 160 kVA.

The X5 series will be extended to 300 kVA in 2009.

Changi Airport Terminal 1 commenced operations on 1 July 1981, it has undergone a major refurbishment which cost S\$170 million and was completed in 1995. Expansion works consisting of the extension of two finger piers began in December 1995 and was completed in December 1999. This brought the total number of aerobridge gates from 19 to 29. Terminal 1 has an annual handling capacity of 21 million passengers.

(News released from Verista Singapore Pte Ltd)

