



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**NEW
2012**

PTS162M1212 - Platinum Power Supply

1600W High Efficiency PSU for Data Centre Servers



Sanken has launched a **NEW 1600W high efficiency PSU** to support data centre servers. This PSU exceeds Platinum efficiency requirements and can be customized to meet specific customer specifications.



Features & Benefits:

- Exceeds 80 PLUS Platinum with Sanken's innovative designs
 - Achieved 93% efficiency at 20% load; 94.5% at 50% load
 - PFC: CCM with SiC diode to minimize loss
 - DC/DC: Interleaved Resonant Converter and Synchronized Rectifier
 - Protection: N+1 Redundancy, OVC, OCP, low-voltage and thermal protections
 - High Power Density: 2.1 W/cc
- Serial communication function (I2C) is incorporated
 - System commands enable communications between the system (master) and the Power Supply (slave)
- A modular design for quick customization to meet customer's requirements
 - Facilitates a quick re-fitting to meet customer's new design specs
 - Facilitates flexible manufacturing scheduling

Applications:

- Data centre servers
- e.g. Blade Servers and RAID storage units



Specification Table

PTS162M1212		12V (Main)	12V (Sub)
Output Current	AC230V	132A	2A
	AC115V	67A	2A
Output Power	AC230V	1608W	
	AC115V	828W	
Input Voltage		AC90V ~ AC264V (50 ~ 60 Hz)	
Size & Power Density		265mm x 73.5mm x 40mm (2.1W /cc)	

Sanken Power Systems UK Ltd.