

**Battery Backed DC/DC SPS**

**Features:**

- ◆ Convection Cool, High Efficiency > 92%
- ◆ Step Down Dc Converter For Battery Charger
- ◆ Wide Dc Input Voltage Range 12 ~ 24Vdc
- ◆ OCP , OVP & OTP Protection
- ◆ Mini. Size( L x W x H ) : 172 x 85 x 45mm
- ◆ Safety Compliant With UL60950

**Application:**

- Telecommunication,
- Network Systems
- Mini. ITX , POS

**Safety Certified:**

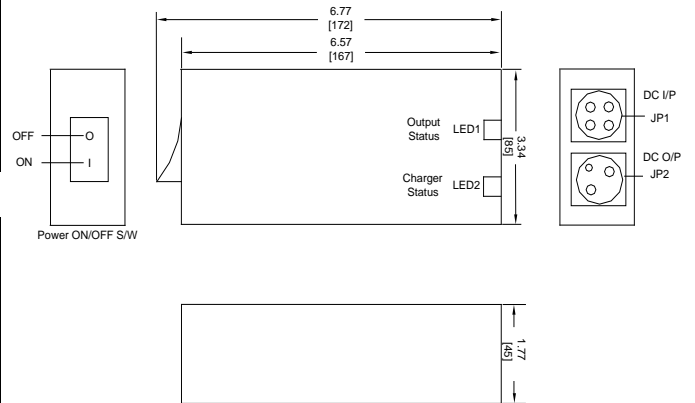


INPUT SPECIFICATIONS	
INPUT VOLTAGE	2V+/-5% for 12V output Version
INPUT FREQUENCY	
INPUT CURRENT	2.5A for 12V output Version
INRUSH CURRENT (Typ.)	
POWER FACTOR (Typ.)	
EFFICIENCY (Typ.)	> 92%
LEAKAGE CURRENT	

**Typical Mechanical Drawing :**

**WP219D12**

Case dimension ( L\*W\*H ) : 172\*85\*45mm ±0.5mm



OUTPUT SPECIFICATIONS		
VOLTAGE	Vo = +12V	
RATED LOAD(Convection)	2A	1.5A
Max. LOAD(Peak)		
RIPPLE & NOISE	120mV	120mV
REGULATION	±5%	±5%
Max. POWER	24W	24W

PROTECTION SPECIFICATIONS	
OCP: ( Over Load Protection)	150 ~ 200%
OVP: ( Over Voltage Protection)	110 ~ 130%
OTP: ( OverTemp. Protection)	N/A

**Connector (JP1) :**

Input connector is 4Pin DC power jack connector. (LIH SHENG PRECISION LA-2004-4 or EQU.)

Pin	Function
1	VIN+
2	GND
3	VIN+
4	GND

GENERAL SPECIFICATIONS	
HOLD UP TIME (Typ.)	N/A
REMOTE CONTROL(ON-OFF)	
DC OK SIGNAL(P-OK)	
5Vsb & 12Vaux For External Fan	
COOLING	Convection
BATTERY CAPACITY	9000mAh 66.6W/h

**Connector (JP2) :**

Output connector is 3Pin DC power jack connector. (LIH SHENG PRECISION LA-2004-3 or EQU.)

Pin	Function
1	NC
2	+Vo
3	GND

SAFETY & ENVIRONMENTAL SPECIFICATIONS	
SAFETY APPROVALS REQUIRED :	Meet UL , cUL , CE , FCC
SAFETY STANDARDS	UL 60950-1 2nd , EN 60950-1
EMC EMISSION	EN55022(CISPR22) & FCC Class B.
OPERATING AMBIENT TEMP.	0 ~ 45°C