



**Technical Data Sheet**

Model	TB-IPLD-24W	TB-IPLD-36W	TB-IPLD-50W
DC Voltage	71V	36V	36V
Voltage Range	60-80V	35-40V	35-40V
Rated Current	300mA	900mA	1200mA
Voltage Range	130-270 Vac	130-300 Vac	130-300Vac
Power Factor	>0.95 PF	>0.95 PF	>0.95 PF
Frequency Range	47-63 Hz	47-63 Hz	47-63 Hz
AC Input Current	>0.12A@240Vac	>0.12A@240Vac	>0.12A@240Vac
Efficiency	>88%	>88%	>88%
<b>Surge Protection</b>	<b>4 K.V.</b>	<b>6 K.V.</b>	<b>6 K.V.</b>
Short Circuit Protection	✓	✓	✓
Reverse Polarity	✓	✓	✓
Auto Cut Off/On	-	✓	✓
Over Voltage Protection	-	300V	300V
Thermal Cut Off	130 °C @IC	130 °C @IC	130 °C @IC
Input Fuse	20ohm Resistor	20ohm Resistor	20ohm Resistor
Isolation	2.5 K.V.	2.5 K.V.	2.5 K.V.
Working Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Voltage Tolerance	+/-3%	+/-3%	+/-3%
Current Tolerance	+/-5%	+/-5%	+/-5%
Line Regulation	+/-5%	+/-5%	+/-5%
Load Regulation	+/-5%	+/-5%	+/-5%
Output Ripple Voltage	5%	5%	5%
Current Crest Factor	<1.7	<1.7	<1.7
Current THD	<15%	<15%	<15%
Inrush Current	Cold start; 50A@240Vac		
Leakage Current	>0.5mA 254.4Vac		
Startup Time	0-2 Sec 100Vac;0-1 Sec 240Vac		
PCB Type	FR4		