



imerlyn
INTELLIGENT PREMIUM SERIES



THE PREMIUM INTELLIGENT UPS

- ▶ Designed using latest state-of-the-art Technology for Optimum and Reliable Performance.
- ▶ Micro Controller based Intelligent Control Design.
- ▶ Pure Sinewave Output Waveform.

- ▶ Designed using latest state-of-the-art Technology for Optimum and Reliable Performance.
- ▶ Micro Controller based Intelligent Control Design.
- ▶ Pure Sinewave Output Waveform.



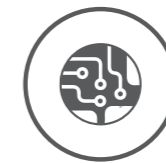
TECHNICAL SPECIFICATIONS

ADVANCED DIGITAL MODELS		PURE SINEWAVE MODELS	
Input Voltage	Inv. Mode: 90V-300V UPS Mode: 180V-260V	Input Voltage	Inv. Mode: 90V-300V UPS Mode: 180V-260V
Output Voltage	Mains Mode: Same as Input UPS Mode: 200V ~ 230V ± 10%	Output Voltage	Mains Mode: Same as Input UPS Mode: 210V ± 10%
Output Frequency	UPS Mode: 50Hz ± 0.1Hz	Output Frequency	UPS Mode: 50Hz ± 0.1Hz
Switching	Automatic (from Mains to UPS & UPS to Mains)	Switching	Automatic (from Mains to UPS & UPS to Mains)
Output Waveform	Mains Mode: Same as Input UPS Mode: TPZi (Trape Zoidal Waveform)	Output Waveform	Mains Mode: Same as Input UPS Mode: PURE SINEWAVE
Battery Charging Current	Constant Charging approx. 10% of the rated Battery Current in AH	Battery Charging Current	Constant Charging approx. 10% of the rated Battery Current in AH
Charger	Constant Current, Constant Wattage	Charger	Power Factor Controlled Boost Technology
Efficiency	> 84%	Efficiency	> 80%
UPS Overload	110%	UPS Overload	110%
UPS Short Circuit	300%	UPS Short Circuit	300%
UPS Transfer Time	≤ 15msec.	UPS Transfer Time	≤ 15msec.
Browns Out Mains Voltage	100 ± 40V	Browns Out Mains Voltage	100 ± 40V
Technology	Micro Controller Based Design	Technology	Micro Controller Based Intelligent Control Design
Auto Reset Feature	Yes	Auto Reset Feature	Yes
Operating Temp.	0°C ~ 45°C	Operating Temp.	0°C ~ 45°C
Available Models	850, 12V DG / 1050, 12V DG / 1250, 12V DG / 1850, 24V DG	Available Models	850, 12V SW / 1050, 12V SW / 1250, 12V SW

NOTE: *Power Factor may vary depending upon the Load. * Because of a policy of continuous product improvement, specifications are subject to change without notice.



HIGH VOLTAGE SURGE PROTECTION



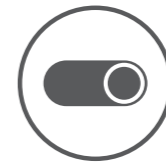
RE-SETTABLE CIRCUIT BREAKER



HIGH PEAK CURRENT HANDLING & THERMAL PROTECTION



HIGH & STANDARD CHARGING OPTION FOR QUICK BATTERY CHARGING



UPS & INVERTER MODE FOR RUNNING IT & HOME LOAD



COMPATIBLE WITH ALL BATTERY TYPES TUBULAR, LOCAL & PLATE



FAN/LIGHT



LED TV



LAPTOP



WIFI-ROUTER