

TECHNICAL SPECIFICATION

MODEL	450	750	950	1050	1250	1500	1700	2000	2000	2500	3000	3500	4500	5500	7500	
DC BUS	12V								24V				48V			
NO LOAD CURRENT	< 1.2 A															
OUTPUT VOLTAGE @ NO LOAD	< 240VAC @12.0 VDC								< 240VAC @24.0 VDC				< 240VAC @48.0 VDC			
BATTERY LOW ALARM	10.7 +/- 0.2V								21.4 +/- 0.4V				42.8 +/- 0.8V			
BATTERY LOW SHUTDOWN	10.5 +/- 0.2V								21.0 +/- 0.4V				42.0 +/- 0.8V			
SHORT CIRCUIT PROTECTION	YES															
INVERTER OUTPUT FREQUENCY	50 HZ +/- 0.1 Hz															
PARAMETERS UPS MODE																
MAINS INPUT VOLATGE RANGE	170V TO 265 V															
MAINS AC LOW CUT	170VAC +/- 10VAC															
MAINS AC LOW CUT RECOVERY	180VAC +/- 10VAC															
MAINS AC HIGH CUT	265VAC +/- 10VAC															
MAINS AC HIGH CUT RECOVERY	255VAC +/- 10VAC															
MAXIMUM CHANGE OVER TIME	< 8 msec															
PARAMETERS WIDE UPS MODE																
MAINS INPUT VOLATGE RANGE	90V TO 290 V															
MAINS AC LOW CUT	90VAC +/- 10VAC															
MAINS AC LOW CUT RECOVERY	110VAC +/- 10VAC															
MAINS AC HIGH CUT	290VAC +/- 10VAC															
MAINS AC HIGH CUT RECOVERY	280VAC +/- 10VAC															
MAXIMUM CHANGE OVER TIME	< 18 msec															
PARAMETERS CHARGING MODE																
CHARGING CURRENT @ 220V AC	8A	15A	15A-20A													
BOOST VOLATGE (TUBULAR MODE)	14.4V +/- 0.2V								28.8V +/- 0.4V				57.6V +/- 0.8V			
BOOST VOLATGE (LEAD ACID MODE)	14.0V +/- 0.2V								28.0V +/- 0.4V				56.0V +/- 0.8V			
FLOAT VOLTAGE	13.6V +/- 0.2V								27.2V +/- 0.4V				54.4V +/- 0.8V			
SHORT CIRCUIT	YES															
PROTECTIONS																
BATTERY LOW CUT OFF	1 TIME															
OVERLOAD (AUTO RETRIES)	4 TIME															
SHORT CIRCUIT (AUTO RETRIES)	3 TIME															
OVER TEMPERATURE	3 TIME															
BATTERY OVER CHARGE	YES															
INPUT PROTECTION	YES (RESSETABLE FUSE)					YES (MAINS MCB TRIP INCASE OF SHORT CIRCUIT IN MAINS MODE)										
ENVIRONMENT																
STORAGE TEMPERATURE	0 TO + 40 C															
OPERATING TEMPERATURE	0 TO + 40 C															
HUMIDITY	0-95% NON-CONDENSNG															
ACOUSTIC NOISE (at 1 mts)	< 45dB from 1 METER															
PROTECTION GLASS	IP-20															

Manufactured & Marketed by :

INVERTEK ENERGY SOLUTIONS PVT. LTD.

Address: GF, Plot No. 445 Kh. No. 9/20,10/16, Laxmi Vihar, Najafgarh,
Near DTC Bus Depot Dichaon Kalan, UER2 Expressway, West Delhi-110043 (INDIA)

Customer Care Number - 9311369797