

# TECHNICAL SPECIFICATION

MODEL	850	1050	1250	1350	1500	2000	2000	2500	3000	3500	4000	5500	6500
DC BUS	12V						24V			48V			
NO LOAD CURRENT	< 1.8 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												
<b>PARAMETERS</b>	<b>UPS MODE</b>												
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												
<b>PARAMETERS</b>	<b>WIDE UPS MODE</b>												
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												
<b>PARAMETERS</b>	<b>CHARGING MODE</b>												
CHARGING CURRENT @ 220V AC	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												
<b>PROTECTIONS</b>													
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 )						
<b>ENVIRONMENT</b>													
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.

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