



## TECHNICAL SPECIFICATION OF AVI UPS LONG BACKUP

Model						
Specifications		MF 350	MF 700	MF 900	MF 1500	MF 2500
<b>DC Input</b>						
Input Voltage (Vdc)		12	12	12	24	48
Input DC Range (Vdc)		10~15	10~15	10~15	18~27	40~56
<b>AC Bypass</b>						
Input AC Range (Vac) (Mode Selectable by an external Switch)	UPS Mode	-	180~270			
	Wide Mode	100~300				
Bypass Voltage (Vac)		Same as I/P				
Charger Topology	Intelligent	CCCV Charging				
Charging Voltage (Selectable by an external Switches)	Auto / Tubular Battery	-	Selectable by an external switch			
	New / OLD Battery	-	Selectable by an external switch			
Charging Current (Selectable by an external Switch)	Normal Charging	-	8A			
	High(Fast) Charging	-	12A			
<b>AC Output</b>						
Capacity (VA)		350	700	900	1500	2500
Output Power (W)		240	460	640	1100	2000
Output Voltage		220VAC				
Output Frequency		50HZ				
Voltage Precision (Vac)	Battery Mode	220 ± 15%				
Frequency Precision (Hz)	Battery Mode	50 ± 0.5Hz				
Wave form	Battery Mode	Modified Square Wave				
<b>Protection</b>						
Input	Mains mode	Mains Low Voltage/ Mains High Voltage				
Output	Battery Mode	Over load, Short circuit				
Battery		Low Battery, Over Charge				
<b>Ambient</b>						
Noise(dB)		≤40 (1 mtr)				
Temperature		-20~60 °C				
Humidity		0~90% (non condensing)				
<b>Indications</b>						
Visual	Mains mode	Mains ON, Charging ON				
Visual	Battery Mode	Load On Battery, Battery Low, Over Load				
Audible	Battery Mode	Over Load, Short Circuit				