Trusty-Mx Series

Model		1000	1000 XL	2000	2000XL	3000	3000XL
CAPACITY	VA / W	1000VA/800W		2000VA/1600W		3000VA/2400W	
INPUT	Voltage Range	110 ~ 300VAC Depends on load Level					
	Frequency Range	45Hz ~ 55Hz / 54Hz ~ 66Hz					
	Phase	Single phase with ground					
	THDI	< 5% with Full load					
	Power Factor	≥0.99					
OUTPUT	Voltage	200/208/220/230/240VAC					
	Voltage Regulation	± 2%					
	Frequency (Synchronized Range)	45Hz ~ 55Hz / 54Hz ~ 66Hz					
	Frequency (Battery Mode)	50/60 ± 0.2 Hz					
	Harmonic Distortion	≤3% @ Linear Load≤ 5% @ Non-Linear Load					
	Current Crust Ratio	3:1					
	Output Waveform	Pure Sine Wave					
	Over Load Capacity line mode	1min @105% ~ 110% load					
		30s @ 110% ~ 120% load					
	Over Load Capacity BAT mode	10s @ 125% ~ 150% load					
		1s @ >150% load"					
EFFICIENCY	Line Mode	>88%					
	BAT Mode	>85%					
	ECO Mode	>93%		>94%			
Battery	Numbers of Batteries	3	Depending upon the capacity of external batteries	8	Depending upon the capacity of external batteries	8	Depending upon the capacity of external batteries
	Battery Type	12V/7Ah		12V/7Ah		12V/7Ah	
	Backup Time (Full Load)	> 5 minutes		> 9 minutes		> 9 minutes	
	Recharge Time	5 hours to 90%		5 hours to 90%		5 hours to 90%	
	Charging Current	1A	8A	1A	8A/12A optional	1A	8A/12A optional
TRANSFER TIME	BAT <--> LINE	0ms					
	INV <--> BYPASS	<4ms					
	INV --> ECO	<4ms					
	ECO --> INV	<10ms					
INDICATOR	LCD	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault					
AUDIBLE ALARM	Battery Mode	Sounding every 4 seconds					
	Low Battery	Sounding every second					
	Fault	Continuously Sounding					
	Overload	Sounding twice every second					
DIMENSION	Tower Case (WxHxD)mm	145 x 220 x 400		192 x 347 x 460			
ENVIRONMENT	Operating Environment	0-45° C					
	Relative Humidity	20-90% (NON-CONDENSING)					
	Noise Level	<50dB @ 1 Meter					
INTERFACE	USB	Software supports Windows 98/NT/2000/XP/2003/ME, Linux, and MAC					
	External Slot	SNMP/AS400/Relay Card					
	EPO	Energemcy Power Off					

Trusty-Mx Series

Model		6000	6000 XL	10K	10K-XL
CAPACITY	VA / W	6000VA/5400W		10000VA/9000W	
INPUT	Adjustable Input Voltage	110 ~ 276VAC			
	Adjustable By Pass Voltage	110 ~ 276VAC			
	Frequency Range	45Hz ~ 55Hz / 54Hz ~ 66Hz			
	Phase	Single phase with ground			
	THDI	< 5% @ R Full Load			
	Power Factor	0.99			
OUTPUT	Voltage	208/220/230/240VAC			
	Voltage Regulation	<1%			
	Current Crest Ratio	3:1			
	Frequency (Synchronized Range)	45Hz ~ 55Hz / 54Hz ~ 66Hz			
	Frequency (Battery Mode)	50/60 +/- 0.05 Hz			
	Harmonic Distortion	2% @ Linear Load			
		5% @ Non-Linear Load			
	Output Waveform	Pure Sine Wave			
	Over Load Capacity line mode	2 min @ 105% ~ 125%			
	Over Load Capacity BAT mode	30 sec @ 125% ~ 150%			
		1 sec @ 150% ~ 150% load			
	Parallel	upto 4			
EFFICIENCY	Line Mode	>92% @ Full Load and Battery Fully Charged			
	BAT Mode	>92% @ Full Load and 12Vdc/Battery			
	ECO Mode	>96% @ Full Load and Battery Fully Charged			
BATTERY	Numbers of Batteries	20	Depending upon the capacity of external Batteries	20	Depending upon the capacity of external Batteries
	Battery Type	12V/7Ah		12V/9Ah	
	Backup Time (Full Load)	> 5 minutes		> 9 minutes	
	Recharge Time	5 hours to 90%		5 hours to 90%	
	Charging Current	1.2A	4.0A	1.2A	4.0A
	Rated Battery Voltage	240VDC			
TRANSFER TIME	BAT <--> LINE	0ms			
	INV <--> BYPASS	0ms			
	ECO --> INV	<10ms			
INDICATOR	LCD	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode / Fault			
AUDIBLE ALARM	Battery Mode	Sounding every 4 seconds			
	Low Battery	Sounding every second			
	Fault	Continuously Sounding			
	Overload	Sounding twice every second			
DIMENSION	Tower Case (WxHxD)mm	260 x 708 x 550			
ENVIRONMENT	Operating Environment	0-40° C			
	Relative Humidity	0-95% (NON-CONDENSING)			
	Noise Level	<50dB @ 1 Meter			
INTERFACE	USB/RS232	Software supports Windows Family, Linux, Sun Solaris, IBM Aix, Compaq True64, SGI IRIX, FreeBSD, HP-UX, and MAC			
	External Slot	SNMP/AS400/Relay Card			
	EPO	Energemcy Power Off			

Trusty-Mx Series

Model		3/1 - 10K	3/1 - 20K Combo
CAPACITY	VA / W	10000VA/9000W	20000VA/18000W
INPUT	Adjustable Input Voltage	190VAC-478VAC Depends on Load Level	110VAC-276VAC Depends on Load Level For Single Phase Input
			190VAC-478VAC Depends on Load Level For Three Phase Input
	Adjustable By Pass Voltage	110 ~ 276VAC	
	Frequency Range	45Hz ~ 55Hz / 54Hz ~ 66Hz	
	Phase	Three phase with ground	
	THDI	< 5% with R Full load	
	Power Factor	0.99 @ R Full load	
OUTPUT	Voltage	200/208/220/230/240VAC	
	Voltage Regulation	<1%	
	Current Crest Ratio	3:1	
	Frequency (Synchronized Range)	45Hz ~ 55Hz / 54Hz ~ 66Hz	
	Frequency (Battery Mode)	50/60 ± 0.05 Hz	
	Harmonic Distortion	2% @ Linear Load 5% @ Non-Linear Load	
	Output Waveform	Pure Sine Wave	
	Over Load Capacity line mode	5min @100% ~ 110% load	
		1min @ 110% ~ 130% load	
	Over Load Capacity BAT mode	10s @ 130% ~ 150% load	
		2s @ >150% load	
	Parallel	upto 4	
EFFICIENCY	Line Mode	>93% @ Full Load and Battery Fully Charged	
	BAT Mode	>93% @ Full Load and 12Vdc/Battery	
	ECO Mode	>97% @ Full Load and Battery Fully Charged	
BATTERY	Numbers of Batteries	20 pcs	24 pcs
	Battery Type	12V	12V
	Charging Current	4A (Expandable)	4A (Expandable)
	Rated Battery Voltage	240VDC	288VDC
TRANSFER TIME	BAT <--> LINE	0ms	
	INV <--> BYPASS	0ms	
	ECO --> INV	<10ms	
INDICATOR	LCD	Load Level / Battery Level / Battery Mode / AC Mode / Bypass Mode	
AUDIBLE ALARM	Battery Mode	Sounding every 4 seconds	
	Low Battery	Sounding every second	
	Fault	Continuously Sounding	
	Overload	Sounding twice every second	
DIMENSION	Tower Case (WxHxD)mm	350 x 890 x 650	
ENVIRONMENT	Operating Environment	0-45° C	
	Relative Humidity	0-95% (NON-CONDENSING)	
	Noise Level	<50dB @ 1 Meter	
INTERFACE	USB/RS232	Software supports Windows Family, Linux, Sun Solaris, IBM Aix, Compaq True64, SGI IRIX, FreeBSD, HP-UX, and MAC	
	External Slot	SNMP/AS400/Relay Card	
	EPO	Energemcy Power Off	