TECHNICAL DATASHEET(1-6.3K)

MODEL	1012/24	1312/24	1512/24	2012/24	3024/48	3824/48	5024/48	6024	6324
Input									
Capacity (VA)	1000VA	1300VA	1500VA	2000VA	3000VA	3800VA	5000VA	6000VA	6300VA
Voltage (DC)	12/24V	12/24V	12/24V	12/24V	24/48V	24/48V	24/48V	24V	24V
Nominal Voltage	220VAC/110VAC								
Voltage Range	154-265VAC/77-135VAC								
Frequency	50-60Hz Auto sensing								
Output									
Watt	800W	1000W	1200W	1600W	2400W	3000W	4000W	4800W	5000W
Voltage	220VAC/110VAC(±10% ups mode)								
Frequency	50/60Hz								
Waveform	Pure sinewave								
Transfer time(AC to DC)	<8ms								
Transfer time(DC to AC)	<8ms								
Output voltage regulation	10%rms								
Bypass Mode	Yes								
Saver Mode	Yes								
Efficiency	>98%								
Protection									
Input Protection	Circuit Breaker								
Output Protection	Circuit Breaker								
Battery									
Battery Type	AGM-Deep Cycle,GEL,LIFEPO4								
	Up to 500Ah								
Charging current	27/14A	35/18A	41/20A	67/33A	50/25A	63/32A	83/42A	100A	100A
Low Level disconnect(Selectable)	12V:(10V or 10.5V) 24V:(20V or 21V) 48V:(40V or 42V)								
LCD Indicator status	Input AC,Output AC								
	Battery DC,Output Load								
	Alarm,Fault								
	Battery Charge Level								
	Output Frequency								
LED Indicator status	AC Line In:Green								
	Inverter:Green								
	Charging:Yellow								
	Alarm:Red								
Battery low alarm	12V:battery light discharge 11. 5V ; battery load discharge 11.5V@load<20% ; 11V@load>50%/10.5V@load>50%; 24V:battery light discharge 23V; battery load discharge 23V@load<20% ; 22V@load>50%/21V@load>50%; 48V:battery light discharge 46V; battery load discharge 46V@load<20% ; 44V@load>50%/42V@load>50%;								
Battery low recovery	12V:battery light discharge 12V ; battery load discharge 12V@load<20%; 11.5V@load>50%/11V@load>50%; 24V:battery light discharge 24V ; battery load discharge 24V@load<20%; 23V@load>50%/22V@load>50%; 48V:battery light discharge 48V ; battery load discharge 48V@load<20%; 46V@load>50%/44V@load>50%;								
DC low voltage shutdown	12V:battery light discharge 11V ; battery load discharge 11V@load<20%; 10.5V@load>50%/10V@load>50%; 24V:battery light discharge 22V ; battery load discharge 22V@load<20%; 21V@load>50%/20V@load>50%; 48V:battery light discharge 44V ; battery load discharge 44V@load<20%; 42V@load>50%/40V@load>50%;								
DC high voltage alarm and fault	15.6V/31.2V/62.4V								
DC high voltage recovery	15V/30V/60V								