

# STONE SERIES

MPPT Solar Inverter



## Features:

- Rounded corner design, exquisite appearance
- Minimum PV Voltage 30V, more cost-effective to use
- Multiple parameters can be adjusted according to user needs to adapt to different occasions
- Support lithium battery communication, external WIFI, generator self-start dry contact function
- Real-time display of actual load power greatly improves user perception
- Pure sine wave output, can adapt to different loads
- Output short-circuit protection function
- Power factor=1

MODEL	STONE 2012PV3200	STONE 3024PV5200
Rated input voltage	220/230/240VAC	
Voltage range	90-280VAC ±3V (APL Mode) / 170-280VAC ±3V (UPS Mode)	
Frequency range	50Hz / 60Hz (Auto Adaptive)	
<b>OUTPUT</b>		
Battery Inverter	2000W	3600W
Photovoltaic Inverter	2000W	3600W
Peak Power	4000VA	7200VA
Output voltage	220/230/240VAC ± 5%	
Output frequency	50/60Hz ±0.1%	
Waveform	Pure Sine Wave	
Switching time (adjustable)	Computer (UPS Mode) 10ms, Appliance (APL Mode) 20ms	
Overload capacity	Battery Mode: 11s@105%-150%Load;2s@150%-200% Load;400ms@>200% Load	
<b>BATTERY</b>		
Rated voltage	12Vdc	24Vdc
constant voltage charging voltage (configurable)	14.1Vdc	28.2Vdc
float charging voltage (configurable)	13.5Vdc	27Vdc
<b>PV CHARGER</b>		
PV charging method	MPPT	
Maximum input power of PV	3200W	5200W
MPPT input voltage range	30-500Vdc	
optimal Vmp operating range	300-400Vdc	
maximum PV input voltage	500Vdc	
maximum PV input current	13A	
maximum PV charging current	100A	
maximum mains charging current	60A	
maximum charging current	100A	
<b>DISPLAY</b>		
LCD Interface	Display Running Mode/ Loads/ Input/ Output etc.	
<b>INTERFACE</b>		
RS232	Baud Rate: 2400	
Expansion slot communication interface	Lithium Battery BMS Communication Card, Wifi Card, Dry Contact	
Parallel interface	No Parallel Connect	
<b>ENVIRONMENTAL PARAMETERS</b>		
Operating ambient temperature	-10°C~+50°C	
Operating environment humidity	20%-95%(No condensation)	
Storage temperature	-15°C~+60°C	
noise	<45dB	
<b>PHYSICAL PARAMETERS</b>		
Depth x width x height (mm)	482*371*176mm	
Standards and certifications	EN-IEC60335-1,EN-IEC60335-2-29,IEC62109-1	