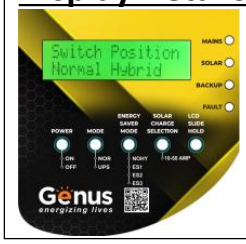
Product Data sheet : - 158_00
Product Name :- 3200 Sunport Pro MPPT

Front Panel

Back Panel

Display Details



Display switch	LCD & LED
Power ON/OFF in Backup Mode	**LED : Mains** (constant glow when mains available), **Solar** (constant glow when solar available, **Backup** (Blink when Backup), **Fault** (constant glow when any protection occur)
UPS / NOR Mode Selection	
Energy Saver Mode Selection NOHY, ES1, ES2 & ES3	
Solar Charging Selection 10 to 50A	**LCD** : Mains Voltage, Battery voltage, Battery current, Output voltage ,Output current,Output frequency, Load %, PV Voltage, PV Current, Inverter Power, Solar Power & Protection display
LCD Slide Hold	

Technical Specifications

Product Type	MPPT based Solar charge control
Battery Compatible	Li-ion / Lead Acid Battery
Nominal Input Battery Voltage	25.6V Li-ion / 24V lead acid (12V per battery)
System Rating (W)	1900 W Bulb Load
Grid Input Voltage Range	UPS : 180 VAC - 265 VAC ± 5 VAC NOR: 100 VAC - 290 VAC ± 15 VAC
Max. Grid Charging Current **Max. Solar Charging Current**	20+/-1A 50A+/-2A
Technology	DSP Based High Efficiency , Sine wave Output
Solar Voltage Range (Voc)	42-105 V
Maximum Solar Array	2200 W
Dimension (w/o packing) L x W x H (MM)	332 X 301 X 281 mm
Weight (kg)	Approx. 21 kg

Solar Panel

Total Panel Power(W)	Single Panel Power (W)	Max. Total No. of Panels	Panel Configurations
2180	545	4	Parallel 2 Strings of 2 Series
2010	335	6	Parallel 3 Strings of 2 Series

Battery Parameter

Parameter	Li-ion Battery	lead acid Battery
Boost Voltage	27.8 ± 0.4V DC	28.8V +/-0.4V
Float Voltage	27.6 ± 0.4V DC	27.0V +/-0.4V
Low Battery Cut	23.6 ± 0.4V DC	20.8V +/-0.4V

Product Features

- Dual Display (LCD and LED)
- Battery Compatible Li-ion / Lead Acid
- MPPT based Solar charge controller
- Two operating mode UPS and NOR (Normal)
- Wide Solar Input Voltage range
- Battery charging current Selection
- Power ON/OFF in Backup mode
- Protections : Output Overload, Low battery, Over temperature, short circuit, Fuse trip & Solar over voltage
- Manual BY PASS switch and re-settable fuse
- Four type Energy Saver Modes

Modes	Priority	Grid-charging Current
NOHY (Normal Hybrid)	Battery	20A
ES 1 (Energy Saver 1)	Solar + Battery	10A
ES 2 (Energy Saver 2)	Solar	0A
ES 3 (Energy Saver 3)	Solar	10A

Why to choose

- *Small In Size, Portable & Easy to Installed*
- *Safe & Reliable*
- *Preference to Solar power as per Energy saving modes.*
- *Eco-friendly and high safety*

Caution: For optimal battery lifespan, adjust the solar charging current as per Battery Type and AH.