

 **100%**
Copper Coil

SAMSUN[®]
SOLAR

**GOLDEN
SERIES**

**GOLDEN+
SERIES**

PURE SINE WAVE UPS
1700/12V



Support
Surge Load



Lightning
Protection



LCD and LED
Indication



Solar Compact
Design

TECHNICAL SPECIFICATIONS

Connection Type	Single Phase
Inverter output power	1700VA
Power Factor	0.75
Battery input voltage	12V
Mains input voltage	230V AC, 50Hz
Mains Input range	0V-270V, 45Hz to 65Hz
Mains high voltage withstand	Up to 440V
AC output (Inverter)	50/60Hz
Battery full Cut-off	14.5V
Inverter output waveform	Pure sine wave (harmonic distortion less than 1%)
Inverter topology	Bridge type center aligned switching MOSFET based
Battery charging voltage	Intelligent 4 stage charger constant current/constant voltage SMPS charging with full charge cut off.
Charging current	Settable from 1A to 15A
Charging working range	120V-270V AC Mains input
Inverter high cut-off voltage	270v
Inverter low cut-off voltage	100v
UPS high cut-off voltage	265v
UPS low cut-off voltage	180v
Battery low warning	10.5v
Battery low cut-off	10V
Operating temperature	00C TO 55°C
Cooling fan auto-ON temp.	70°C
Cooling fan auto-OFF temp.	60°C
Storage temperature	-15°C TO 60°C
Humidity	5% to 95% Relative humidity (Non-condensing)
Inverter protection	Overload, short circuit, battery deep discharging

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