MUST®

EV LCD SERIES OFFLINE UPS
(600-1200VA)

220
220
MUST

Easily solve nine power problems

1 Grid cut-off
2 Voltage levels drop
3 Grid low voltage
4 Grid over voltage
5 Preventing surges
6 Preventing electronic jamming
7 Grid instantaneous
8 Frequency fluctuation
9 Harmonic distortion

This series is specifically designed for PC, small workstations, small communication equipment users and pure plastic case design, small volume, fashion aesthetic appearance, easy to operate. The SMD (Surface Mount Devices) technology, CPU integrated control technology, has the advantages of wide range of application of voltage, high performance, high reliability, automatic regulation, fast conversion speed, complete protection function, adapt to all kinds of environment.

Features

- CPU controlled
- Auto re-starts when AC recovers
- Silence setup
- Automatic charging(offline charging)
- Battery low voltage protection
- Overload short circuit protection
- Wide input voltage range

V

Rated power
360W-720W

Output voltage
110/120VAC or 220/230/240VAC

Wide input voltage range
85~150VAC/145~290VAC

Full protection

Low noise
Less than 40dB

Output wave form
PWM (Battery mode)

LCD

Smart LCD setting

RJ45/11 & USB
community port(optional)

MUST

Appearance

(EV-C1000)

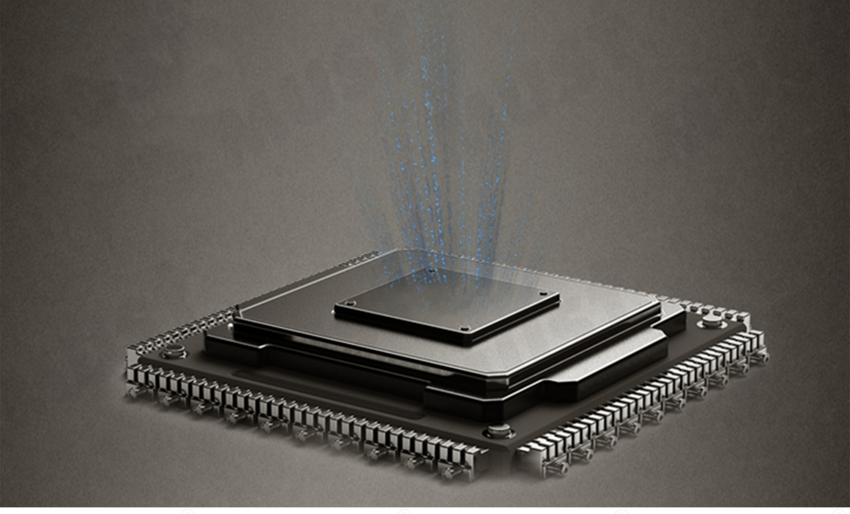
(EV-C1200)

PRODUCT FEATURES

SMART & INTELLIGENT FEATURES

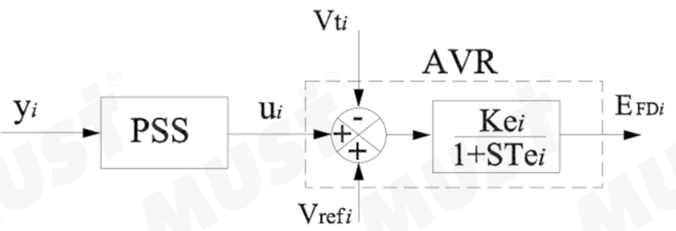
Control and Manage

Advanced CPU control and intelligent battery management, protecting Electric Equipment while Improving Efficiency.



Input

2.With Boost and Buck AVR and the full-bridge inverter technology to obtain stable and wide input voltage and frequency range.


Vti
AVR
yi
PSS
ui
−
+
+
Kei
1+STei
EFDi
Vrefi

Automatic Power On

When the power supply is interrupted, UPS will power down in battery mode. When the mains power is restored, UPS can start automatically and charge the battery at the same time, realizing the unattended function.

ON

Self-check function

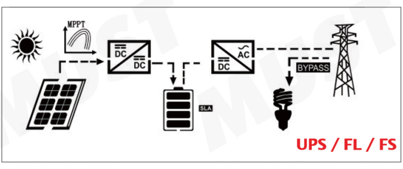
when starting up, it can automatically simulate power failure, self-check inverter and battery, and make accurate and reliable judgment, so as to comprehensively improve the safety of load.

Automatic charging

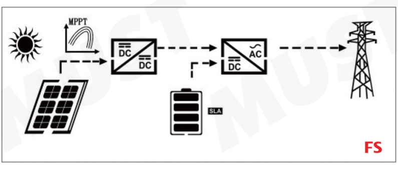
It can charge the battery automatically when it is connected to the mains power even not turned on.

Work Mode, Plug and socket optional

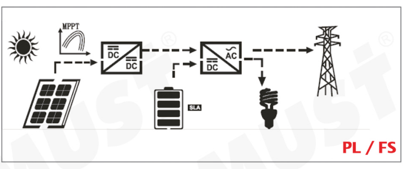
ON/OFF Grid solar inverter work mode (Five modes)


MPPT
DC
DC
DC
AC
BYPASS
SLA

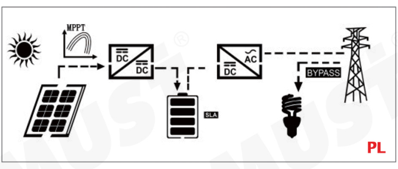
UPS / FL / FS


MPPT
DC
DC
DC
AC
SLA

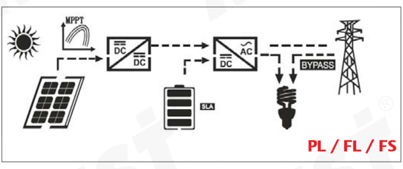
FS


MPPT
DC
DC
DC
AC
SLA

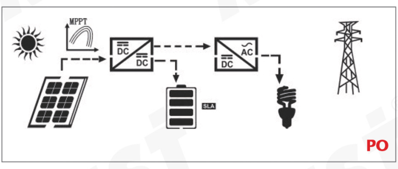
PL / FS


MPPT
DC
DC
DC
AC
BYPASS
SLA

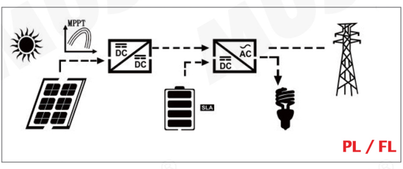
PL


MPPT
DC
DC
DC
AC
BYPASS
SLA

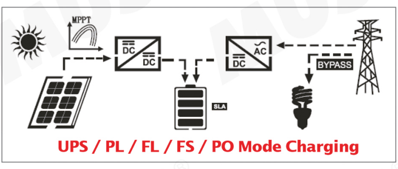
PL / FL / FS


MPPT
DC
DC
DC
AC
SLA

PO

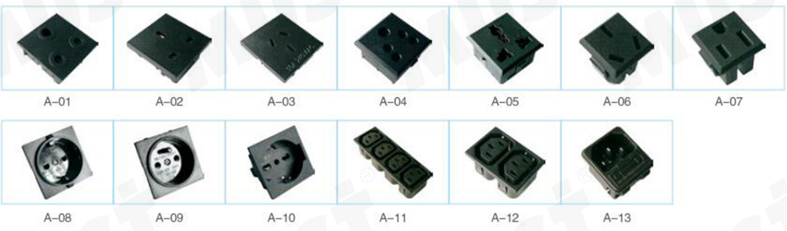

MPPT
DC
DC
DC
AC
SLA

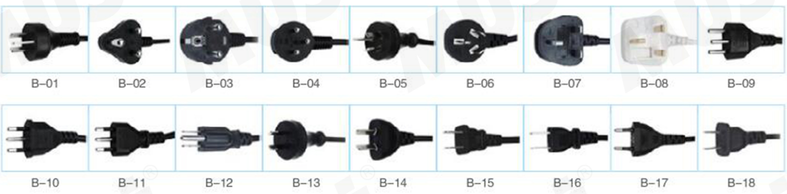
PL / FL


MPPT
DC
DC
DC
AC
BYPASS
SLA

UPS / PL / FL / FS / PO Mode Charging

Sockets/cables

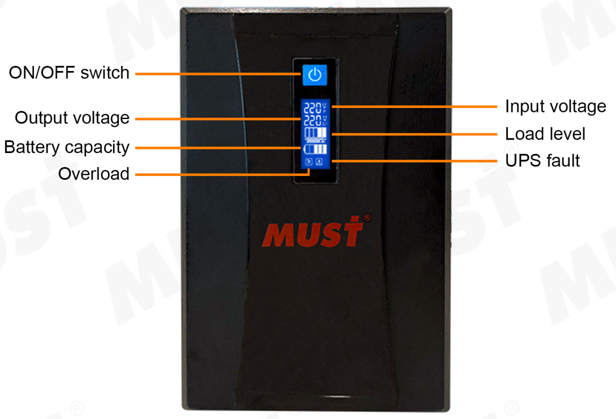

A-01
A-02
A-03
A-04
A-05
A-06
A-07
A-08
A-09
A-10
A-11
A-12
A-13

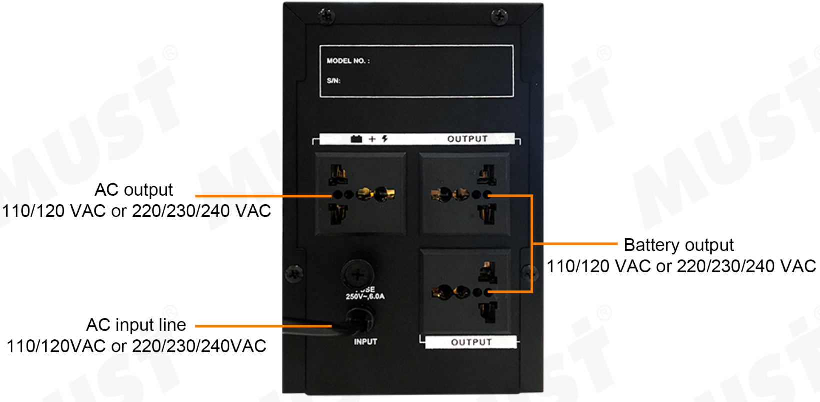

B-01
B-02
B-03
B-04
B-05
B-06
B-07
B-08
B-09
B-10
B-11
B-12
B-13
B-14
B-15
B-16
B-17
B-18

PRODUCT DETAILS

MUST HELP YOU CONTROL EVERY DETAIL

Details reflect quality


ON/OFF switch
Output voltage
Battery capacity
Overload
Input voltage
Load level
UPS fault
220
220
MUST


MODEL NO. :
S/N:
OUTPUT
AC output
110/120 VAC or 220/230/240 VAC
Battery output
110/120 VAC or 220/230/240 VAC
FUSE
250V~,6.0A
AC input line
110/120VAC or 220/230/240VAC
INPUT
OUTPUT

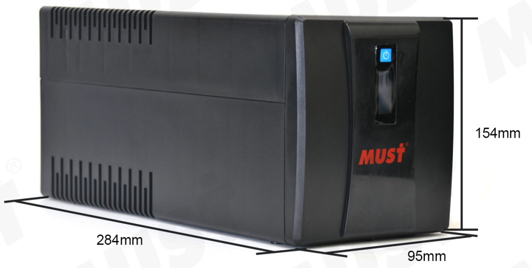
PRODUCT PARAMETERS

MAKE SURE EACH PARAMETER IS TRUE

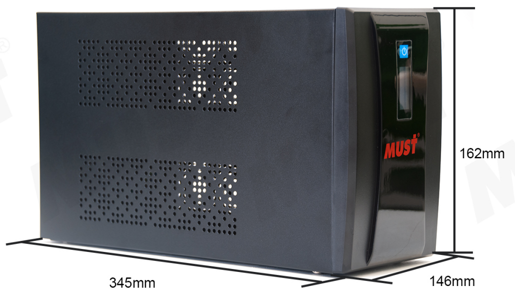
Learn more about the product

MODEL	EV600C	EV1000C	EV1200C
Capacity	600VA/360W	1000VA/500W	1200VA/720W
INPUT			
Input voltage	110/120VAC or 220/230/240VAC		
Input voltage range	85~150VAC/145~290VAC		
Frequency range	45~65Hz		
OUTPUT			
Output voltage	110/120VAC or 220/230/240VAC		
Output voltage range	102-132VAC/200-25VAC		
Output frequency	60±0.5 Hz or 50±0.5 Hz (Auto sensing)		
Output wave form	PWM (Battery mode)		
Transfer time	Typical 2-6ms,10ms max		
BATTERY			
QTY. & capacity of battery	12V/7AH*1pc	12V/9AH*1pc	12V/7AH*2pcs
Charging period	4-6 hours recover to 90% capacity		
PROTECTION			
Full protection	Low voltage & overload & short circuit protection		
PHYSICAL			
Net weight(kg)	3.9	4.3	7
Unit dimension(mm)	274*85*140	284*95*140	345*146*162
ENVIRONMENT			
Environment of performance	Temperature 0°C~ 40°C, Humidity 20%~90%		
Noise level	Less than 40dB		
MANAGEMENT			
LCD or LED, RJ45/11 & USB	Optional		

Size


MUST
154mm
284mm
95mm

(EV1000C)


MUST
162mm
345mm
146mm

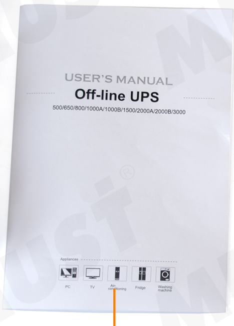
(EV1200C)

Package

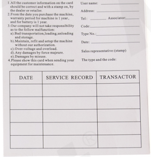
Warranty card

MUST

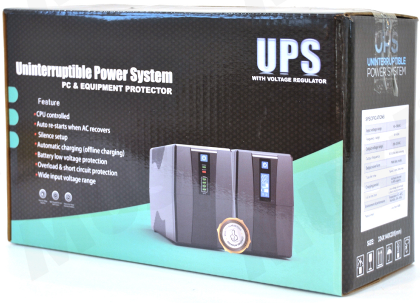
power cable


USER'S MANUAL
Off-line UPS
500/650/800/1000A/1000B/1500/2000A/2000B/3000

User Manual


Warranty registration card

Software


Uninterruptible Power System
PC & EQUIPMENT PROTECTOR
Feature
CPU controlled
Auto re-starts when AC recovers
Silence setup
Automatic charging (offline charging)
Battery low voltage protection
Overload & short circuit protection
Wide input voltage range
UPS
WITH VOLTAGE REGULATOR
UNINTERRUPTIBLE POWER SYSTEM
SPECIFICATIONS

Packaging

PRACTICAL APPLICATION

APPLICABLE PLACE

12:11
Sunday, March 3

Personal Computer

Printer

POS Terminals

Security System

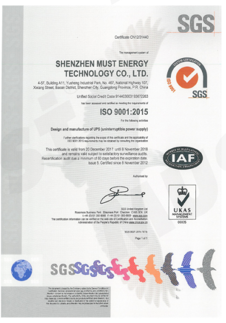
Fax Machine

Modem, Router

PROFESSIONAL CERTIFICATION

CE FCC SAA ISO9001

High quality and high standard



SGS

Certificate CN12/31440

The management system of

SHENZHEN MUST ENERGY TECHNOLOGY CO., LTD.

4-5F, Building A11, Yusheng Industrial Park, No. 467, National Highway 107, Xixiang Street, Baoan District, Shenzhen City, Guangdong Province, P.R. China

Unified Social Credit Code 914403003193672263

has been assessed and certified as meeting the requirements of

ISO 9001:2015

For the following activities

Design and manufacture of UPS (uninterruptible power supply)

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization

This certificate is valid from 20 December 2017 until 8 November 2018 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date. Issue 5. Certified since 8 November 2012

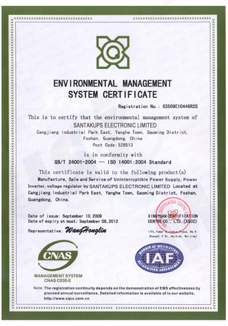
Authorised by

SGS United Kingdom Ltd
Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK
t +44 (0)151 350-6666 f +44 (0)151 350-6600 www.sgs.com

The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn

Page 1 of 1

SYSTEM CERTIFICATION
ISO 9001
SGS
IAF
UKAS MANAGEMENT SYSTEMS
0005



ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Registration No.: 03509E10446R2S

This is to certify that the environmental management system of
SANTAKUPS ELECTRONIC LIMITED
Cangjiang Industrial Park East, Yanghe Town, Gaoming District, Foshan, Guangdong, China
Post Code: 528513

is in conformity with
GB/T 24001-2004 — ISO 14001:2004 Standard

This certificate is valid to the following product(s)
Manufacture, Sale and Service of Uninterruptible Power Supply, Power Inverter, voltage regulator by SANTAKUPS ELECTRONIC LIMITED Located at Cangjiang Industrial Park East, Yanghe Town, Gaoming District, Foshan, Guangdong, China.

Date of issue: September 10, 2009
Date of expiry at most: September 09, 2012
Representative: WangHonglin

XINGYUAN CERTIFICATION CENTRE CO., LTD. (XQCC)
(7FL, Tower C, Jiahua Plaza, No. 9 Shangdi 3 St., Haidian, Beijing)

CNAS
MANAGEMENT SYSTEM
CNAS C035-E
IAF

Note: The registration continuity depends on the demonstration of EMS effectiveness by planned annual surveillance. Detailed information is available of in our website. http://www.xqcc.com.cn

MUST® SHENZHEN MUST ENERGY TECHNOLOGY CO.,LTD.