

SANUPS

Hybrid UPS SANUPS E11B

E11B302A002AMUJ

Vertical type


Rack mount type

Input plug

Output outlet

UL standard

CE marking



For illustrative purposes only

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Specifications

Model No.	E11B302A002AMUJ	UPS topology	Hybrid
No. of input phases/wires	Single-phase 2-wire	Rated input voltage[V]	200/208/220/230/240
Input voltage range	During Double Conversion mode At load level < 40% ... 110 to 300 V At load level < 70% ... 136 to 280 V At load level ≥ 70% ... 160 to 280 V During Economy mode: Within ±8% of rated voltage	Rated input frequency[Hz]	50/60
Input frequency range	In Double Conversion mode fixed setting Within ±1% of rated frequency (Synchronization range) 40 to 120 Hz (Asynchronous operation range) In automatic transfer setting Within ±1/3/5% of rated frequency (Factory setting is ±3%, synchronization range) 40 to 120 Hz (Asynchronous operation range)	Input power factor	0.95 or greater
Required input capacity[kVA]	3	No. of output phases/wires	Single-phase 2-wire
Rated output capacity[kVA]	3	Rated output capacity[kW]	2.4
Rated output voltage[V]	200/208/220/230/240	Output voltage regulation	Double Conversion mode: Within ±2% of rated voltage Economy mode: Within -10% to +8% of rated voltage
Rated output frequency[Hz]	50/60	Output frequency regulation	In Double Conversion mode fixed setting Within ±1% of rated frequency In automatic transfer setting: Within ±1/3/5% of rated frequency (Factory setting: ±3%) During battery operation: Within ±0.5% of rated frequency (This applies in asynchronous operation too)
Output transient voltage fluctuation	At abrupt load change: Within ±5% of rated voltage (For 0⇔100% load step changes) At loss/return of input power: Within ±5% of rated voltage (At rated output) At abrupt input voltage change: Within ±5% of rated voltage (For ±10% voltage changes)	Output overcurrent protection	Automatic transfer to bypass (With automatic retransfer function)
Output overload capability	Inverter: 105% (for 200 ms) By pass: 200% (for 30 s), 800% (for 2 cycles)	Energy storage device type	Small-sized valve-regulated lead-acid (VRLA) battery
Expected battery (device) life	Approx. 5 years	Standard backup time[min]	3 (5)
Cooling method	Forced air cooling	Operating temperature range	-10 ~ +40°C
Operating humidity range	20 to 90% (non-condensing)	EMC standard	VCCI Class A FCC Part 15 Subpart B Class A EN 62040-2 C2:2010 EN 55022:2010 Class A EN 62040-2:2006 EN 55024:2010
Acoustic noise[dB]	55	Heat dissipation[W]	390
Mass[kg]	39		

Note 1: The battery backup time is calculated at a 25°C ambient temperature, 0.8 load power factor, using new, fully charged batteries. The value in parentheses is calculated at a load power factor of 0.7. Note 2: The acoustic noise is for when in Double Conversion mode.

Download Materials List

Materials	Material No.	File Size	Download Link
Catalog			▶ Download 
取扱説明書	M0020311	8.1 MB	Login required
設定メニュー説明書 (装置レビジョン G ~)	M0020313	8.1 MB	Login required
Instruction Manual	M0020312	8.1 MB	Login required
Setting Menu Manual (Revision Character : G ~)	M0020314	8.1 MB	Login required
Manuel d'utilisation	M0020361	8.4 MB	Login required
SANUPS SOFTWARE STANDALONE			▶ Download

If there are any differences in the descriptions in Japanese, English or French, Japanese shall prevail.

Applicable Models

Model no.	Item Name
▶ PMS52A00DL	UPS management software (Windows version) SANUPS SOFTWARE Download version
▶ PMS52A00DL-10	UPS management software (Windows version, 10 licenses) SANUPS SOFTWARE Download version
▶ PMS52A00DL-100	UPS management software (Windows version, 100 licenses) SANUPS SOFTWARE Download version
▶ PMS52A00DL-50	UPS management software (Windows version, 50 licenses) SANUPS SOFTWARE Download version
▶ PMS53A00DL	UPS management software (Multi-OS version) SANUPS SOFTWARE Download version
▶ PMS53A00DL-10	UPS management software (Multi-OS version, 10 licenses) SANUPS SOFTWARE Download version
▶ PMS53A00DL-100	UPS management software (Multi-OS version, 100 licenses) SANUPS SOFTWARE Download version
▶ PMS53A00DL-50	UPS management software (Multi-OS version, 50 licenses) SANUPS SOFTWARE Download version
▶ PRCONIF007	Dry contact interface card (Terminal block)
▶ PRCONIF008	Dry contact interface card (D-sub 15-pin)
▶ PRLANIF013B	Power Management Product - LAN Interface Card (Supports IPv6 and temperature/humidity sensors)
▶ PRLANIF022A	Power Management Product - LAN Interface Card (IPv6, Modbus TCP supported, with cover)
▶ PRLANIF024A	Power Management Product - LAN Interface Card (IPv6, Modbus TCP/RTU supported, with cover)

Related Information

- ▶ [UPS Product Registration](#) 
- ▶ [Power Conditioner / PV Monitor User Registration Outline](#) 
- ▶ [Software](#) 
- ▶ [Manual](#) 
- ▶ [Catalog Site](#) 
- ▶ [RoHS Directive compliance of your products](#) 
- ▶ [Notice Before Purchase](#) 

Options

Item Name
Floor mounting brackets (FM2UA01)
Rack support rails (RM030)
Air filter(FL011)