Ascet 25K-2x75/3P3T6

PN: SIH33025H256ACCU0B

EAN: 6422956015817



Specifications

Efficiency	
Max. Efficiency	98,4%
European Efficiency	97,9%
Max. Battery Efficiency	98,0%
Input (PV)	
MAX PV Power (W)	45,000
Max. PV Voltage	1,000V
Max input current (input A/input B/input C) (A)	32/32/32
Max short current (input A/input B/input C) (A)	40/40/40
Start Operating voltage (V)	150
MPPT voltage range (V)	160-950
No. of MPPT trackers	3
String per MPPT tracker	2/2/2
Input (Bat)	
Compatible batterty type	Lithium-ion/Lead-acid
Battery voltage range (V)	120 - 800
Max. charge/discharge current (A)	2*75A/2*75A
Max. charge/discharge power (W)	45,000W/30,000W
Lithium battery charge curve	Self-adaption to BMS
Output (Grid)	
Nominal AC output power (W)	25,000W
Max. AC output apparent power (VA)	27,500VA
Max. AC output power (PF=1) (W)	27,500W
Max. AC output current (A)	3*41.7A
Max. Single Phase Power	11,000VA
Rated AC Voltage (V)	380/400/415, 3W+N+PE
AC Voltage Range (V)	277-520 (Adjustable)
Grid Frequency Range (Hz)	45Hz-55Hz/55Hz-65Hz (Adjustable)

Superior Efficiency

High Reliability

Intelligent Maintenance

- Maximum efficiency 98.4%
- Max. Charge/Discharge Current 2*75A/2*75A
- Reasonable energy control to increase the proportion of spontaneous use
- Smart fan cooling design
- Compatible with lead-acid batteries and lithium battery energy
- Remote configuration and upgrade
- Supports export power control

Grid connection	Three-phase
Power factor	> 0.99@Rated power (Adjustable 0.8 LD - 0.8 LG)
THDI	<3%
Output (Back up)	
Nominal output voltage (V)	380V/400V/415V, 3W+N+PE
Nominal output frequency (Hz)	50H/6Hz
Nominal output power (W)	25,000
Nominal output current (A)	3*37.9
Transfer time (ms)	10(typ) / 20(max)
THDV	<3% @100% R Load
General	
Max. Operating Altitude	4000m (>2000m derating)
Noise emission (dB)	<60
Ingress protection degree	IP65
Operating Temperature Range (°C)	-25 ~ 60
Relative Humidity Range	0-100%
Cooling concept	Smart Fan Cooling
Mounting	Wall bracket
PV connection way	MC4/H4
Battery connection way	Dedicated DC connector
AC connection way (grid & back up)	Dedicated AC connector
HMI & COM	
Display	Bluetooth & APP+LED Optional: LCD
Communication interface	RS485/CAN (for BMS) RS485, DRM/RS485 (for Meter) WI-FI, CT Optional: LAN, 3*DO, 2*DI
Physical	
Product dimensions	660 x 596 x 235 mm
Product weight	55 Kg



Protection	
Protection category	Class 1
DC switch	Support
Anti-islanding protection	Support
AC overcurrent protection	Support
AC short circuit protection	Support
DC reverse connection	Support
Surge Arrester	DC type II, AC type III
Insulation detection	Support
Leakage current protection	Support
PV overvoltage category	II
AC overvoltage category	III
AFCI protection	Included

Logistics

Carton Box Size (LxWxH)	755 x 745 x 377 mm
Pieces in the Carton Box	1
Net & Gross weight / CTN	55 kg / 67 Kg

Certificates

RoHS 2011/65/EU CE

Safety EMC	EN 50549-1:2019+A1, EN 50549-10:2022, EN 61000-3-12:2011, EN IEC 61000-3-11:2019, EN IEC 61000-6-1:2019, EN IEC 61000-6-2:2019, EN IEC 61000-6-3:2021, EN IEC 61000-6-4:2019, EN 62109-1: 2010, IEC 62109-1: 2010, EN 62109-2: 2011, IEC 62109-2: 2011