

LAMPIRAN

Data sheet Panel Surya CanadianSolar MaxPower CS6U-340M







MAXPOWER (1500 V) CS6U-325 | 330 | 335 | 340M

Canadian Solar's new 1500 V module is a product for high voltage systems, which can increase the string length of solar systems by up to 50%, saving BOS costs.

KEY FEATURES

- 
Designed for high voltage systems of up to 1500 V_{DC}, saving on BoS costs
- 
Cell efficiency of up to 20.0%
- 
Outstanding low irradiance performance: 96.5%
- 
High PTC rating of up to 91.7%
- 
IP67 junction box for long-term weather endurance
- 
Heavy snow load up to 5400 Pa, wind load up to 2400 Pa

25 years linear power output warranty

10 years product warranty on materials and workmanship

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2008 / Quality management system
 ISO 14001:2004 / Standards for environmental management system
 OHSAS 18001:2007 / International standards for occupational health & safety

PRODUCT CERTIFICATES*

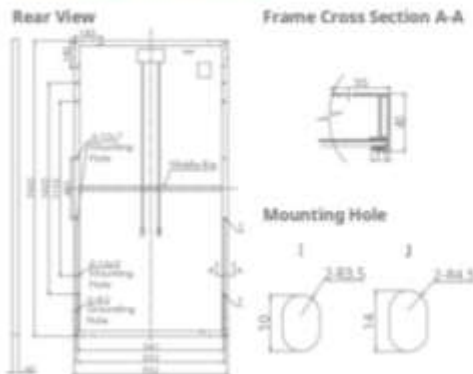
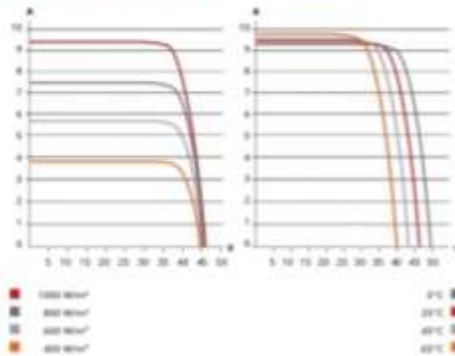
IEC 61215 / IEC 61730: VDE / CE
 UL 1708 / IEC 61215 performance: CEC listed (US)
 UL 1703: CSA / IEC 61701 ED2: VDE / IEC 62716: VDE / Take-e-way



* As there are different certification requirements in different markets, please contact your local Canadian Solar sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. As a leading PV project developer and manufacturer of solar modules with over 15 GW deployed around the world since 2001, Canadian Solar Inc. (NASDAQ: CSIQ) is one of the most bankable solar companies worldwide.

CANADIAN SOLAR INC.
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ENGINEERING DRAWING (mm)**CS6U-335M / I-V CURVES****ELECTRICAL DATA | STC***

| CS6U | 325M | 330M | 335M | 340M |
|---|---|---------|---------|---------|
| Nominal Max. Power (P _{max}) | 325 W | 330 W | 335 W | 340 W |
| Opt. Operating Voltage (V _{mp}) | 37.4 V | 37.5 V | 37.8 V | 37.9 V |
| Opt. Operating Current (I _{mp}) | 8.69 A | 8.80 A | 8.87 A | 8.97 A |
| Open Circuit Voltage (V _{oc}) | 45.8 V | 45.9 V | 46.1 V | 46.2 V |
| Short Circuit Current (I _{sc}) | 9.21 A | 9.31 A | 9.41 A | 9.48 A |
| Module Efficiency | 16.72 % | 16.97 % | 17.23 % | 17.49 % |
| Operating Temperature | -40°C ~ +85°C | | | |
| Max. System Voltage | 1500 V (IEC) or 1500 V (UL) | | | |
| Module Fire Performance | TYPE 1 (UL 1703) or CLASS C (IEC 61730) | | | |
| Max. Series Fuse Rating | 15 A | | | |
| Application Classification | Class A | | | |
| Power Tolerance | 0 ~ + 5 W | | | |

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL DATA | NOCT*

| CS6U | 325M | 330M | 335M | 340M |
|---|--------|--------|--------|--------|
| Nominal Max. Power (P _{max}) | 235 W | 238 W | 242 W | 245 W |
| Opt. Operating Voltage (V _{mp}) | 34.1 V | 34.2 V | 34.5 V | 34.6 V |
| Opt. Operating Current (I _{mp}) | 6.88 A | 6.96 A | 7.01 A | 7.10 A |
| Open Circuit Voltage (V _{oc}) | 42.0 V | 42.1 V | 42.3 V | 42.4 V |
| Short Circuit Current (I _{sc}) | 7.46 A | 7.54 A | 7.62 A | 7.67 A |

* Under Nominal Operating Cell Temperature (NOCT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 25°C, wind speed 1 m/s.

PERFORMANCE AT LOW IRRADIANCE

Outstanding performance at low irradiance, average relative efficiency of 96.5 % from an irradiance of 1000 W/m² to 200 W/m² (AM 1.5, 25°C).

The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to on-going innovation, research and product enhancement, Canadian Solar Inc. reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

Caution: For professional use only. The installation and handling of PV modules requires professional skills and should only be performed by qualified professionals. Please read the safety and installation instructions before using the modules.

MECHANICAL DATA

| Specification | Data |
|------------------------|--|
| Cell Type | Mono-crystalline, 6 inch |
| Cell Arrangement | 72 (6 × 12) |
| Dimensions | 1960 × 992 × 40 mm (77.2 × 39.1 × 1.57 in) |
| Weight | 22.4 kg (49.4 lbs) |
| Front Cover | 3.2 mm tempered glass |
| Frame Material | Anodized aluminium alloy |
| J-Box | IP67, 3 diodes |
| Cable | PV1500DC-F1 4 mm ² (IEC) & 12 AWG 2000 V (UL), 1160 mm (45.7 in) |
| Connector | T4 series or PV2 series |
| Per Pallet | 26 pieces, 635 kg (1400 lbs) |
| Per container (40' HQ) | 624 pieces |

TEMPERATURE CHARACTERISTICS

| Specification | Data |
|---|--------------|
| Temperature Coefficient (P _{max}) | -0.41 % / °C |
| Temperature Coefficient (V _{oc}) | -0.31 % / °C |
| Temperature Coefficient (I _{sc}) | 0.053 % / °C |
| Nominal Operating Cell Temperature | 45 ± 2 °C |

PARTNER SECTION

Data Sheet Wind Turbine AWS HC 5.1 kW



AUSTRALIAN WIND AND SOLAR

*Your best solution for all your power needs***AWS - HC 5.1kW**

AWS HC are the next evolution in Horizontal Wind Turbines. AWS HC Wind Turbines have the lowest start-up speed in their class, highest efficiency, superior build quality, including cast body, carbon-fibre blades and revolutionary full body passive pitch control. AWS HC Wind Turbines can operate at full capacity in all wind conditions whilst protecting itself in extreme weather conditions. AWS HC Wind Turbines have a minimum 20 year life expectancy.

AWS HC Wind Controller is available in 12V, 24V, 48V or Grid Connect. It offers superior performance with absolute Wind Turbine protection. It includes power smoothing and surge protection.

There are a range of sizes available: 650W, 1.5kW, 1.8kW, 3.3kW, 4.2kW, 5.1kW.

**5.1kW HORIZONTAL
WIND TURBINE**www.australianwindandsolar.com



| MODEL | AWS—HC 5.1kW |
|-------------------------------------|--|
| RATED OUTPUT | 5100W |
| RATED WIND SPEED m/s / mph | 11 / 25 |
| PEAK OUTPUT | 5700W |
| CUT IN m/s / mph | 2.7 / 6 |
| YAW SYSTEM | Passive by tail Vane |
| YAW / TOWER CABLE | N x 360° Freedom |
| GENERATOR | PM 3 phase alternator (variable speed) |
| INSULATION CLASS & EFFICIENCY | Class "H" > 87% |
| STATOR SKEW | 1 slot pitch |
| MAX STATOR CORE TEMPERATURE | 180°C |
| POLES | 16 |
| RPM—50hz/60hz | 375 / 450 |
| OVER SPEED LIMIT RPM / Hz | 525 / 70 |
| MONTHLY KWH 10mph / 4.5 m/s PLF% | 500 kWh (18%) |
| MONTHLY KWH 12mph / 5.4 m/s PLF (%) | 900 kWh (25%) |
| ROTOR DIAMETER | 5.24m / 17.20ft |
| NUMBER OF BLADES | 3 |
| BLADE MATERIAL & COMPOSITION | Carbon fibre composite ~ 0.37 |
| SWEPT AREA | 21.4 sq.m / 230 sq.feet |
| MINIMUM TIP CLEARANCE cm / in | 36 / 14 |
| TIP SPEED RATIO (TSR) | 8.5 |
| LATERAL THRUST (MAX) | 4200 nts |
| GOVERNOR / OVER SPEED LIMIT | Uptilt tilt (Hydraulic assisted) |
| GOVERN SPEED | 27mph |
| GOV. SHUT-DOWN / OPTIONAL STOP | Electro-dynamic Switch |
| UNIT WEIGHT (TOWER TOP) | 99Kg |
| TOWER TOP PIPE / YAW ADAPTOR | P 2.5" Sld 40 |
| VOLTAGE OPTIONS | 48 LV / 60—240 HV / 380—440 EHV |
| ELECTRONIC CONTROLLER | Incl. but separate |
| WARRANTY | 2 years |
| OPERATING LIFE | 20 years |
| SURVIVAL WIND SPEED | 55 m/s |
| SUGGESTED ROUTINE MAINTENANCE | Annual inspection |



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Data Sheet Inverter SolaX X3-Hybrid 10



NEW FROM SOLAX
X3-HYBRID G4



X3-Hybrid-D/M
5.0kW/6.0kW/8.0kW
10.0kW/12.0kW/15.0kW

info@solaxpower.com
service@solaxpower.com







Features

High-efficient

- 200% PV oversized and up to 110% AC overload output
- Higher efficiency on charging and discharging, up to 97.5%
- Built-in shadow tracking function

Economic

- 16A DC single string input current, support high power solar panel
- Up to 150% PV input
- Store the surplus energy from PV to battery
- Low start output voltage makes inverter longer working time
- Less energy loss on battery to inverter

Intelligent

- 150% EPS output, 10s
- Switchover time <10ms
- Quick configuration with U-disk
- Lithium-ion & Lead-acid battery compatible
- CT compatible, loads respond within 0.3s
- Intelligent loads management (e.g., Heat pump)
- On & Off-grid parallel function, up to 150MW
- 5 work modes, 2 charging periods available
- VPP ready, ancillary service in power market
- Three-phase unbalanced output Maximum 5kW output power on single phase at most

Safe

- IP65 protection level
- Integrated SPD

For More Informations Contact Us

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X3-HYBRID G4 (THREE PHASE)

X3-HYBRID 5.0-0 X3-HYBRID 6.0-0 X3-HYBRID 8.0-0 X3-HYBRID 10.0-0 X3-HYBRID 12.0-0 X3-HYBRID 15.0-0
 X3-HYBRID 5.0-M X3-HYBRID 6.0-M X3-HYBRID 8.0-M X3-HYBRID 10.0-M X3-HYBRID 12.0-M X3-HYBRID 15.0-M

| | X3-HYBRID 5.0-0 X3-HYBRID 5.0-M | X3-HYBRID 6.0-0 X3-HYBRID 6.0-M | X3-HYBRID 8.0-0 X3-HYBRID 8.0-M | X3-HYBRID 10.0-0 X3-HYBRID 10.0-M | X3-HYBRID 12.0-0 X3-HYBRID 12.0-M | X3-HYBRID 15.0-0 X3-HYBRID 15.0-M |
|--|---|------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| DC INPUT | | | | | | |
| Max. PV array power (Wp) | 12000 | 12000 | 16000 | 20000 | 24000 | 30000 |
| Max. PV input power (PV1+PV2) (Wp) | PV1:8000 / PV2:4000 | PV1:10000 / PV2:2000 | PV1:8000 / PV2:8000 | PV1:10000 / PV2:10000 | PV1:12000 / PV2:12000 | PV1:15000 / PV2:15000 |
| Max. PV input voltage (V) | 2500 | 3000 | 3500 | 4000 | 5000 | 5000 |
| Start output voltage (V) | 200 | 200 | 200 | 200 | 200 | 200 |
| Nominal input voltage (V) | 640 | 640 | 640 | 640 | 640 | 640 |
| MPP voltage range (V) | 180 ~ 950 | 180 ~ 950 | 180 ~ 950 | 180 ~ 950 | 180 ~ 950 | 180 ~ 950 |
| No. of MPP trackers / Strings per MPP tracker | 2 (1 / 1) | 2 (1 / 1) | 3 (1 / 2) | 2 (2 / 1) | 2 (1 / 1) | 2 (2 / 1) |
| Max. input current (input PV1 / input PV2) (A) | 15 / 7.5 | 15 / 15 | 24 / 24 | 28 / 16 | 28 / 18 | 28 / 28 |
| Max. short circuit current (input PV1 / input PV2) (A) | 20 / 20 | 20 / 20 | 25 / 25 | 35 / 20 | 35 / 25 | 35 / 20 |
| AC INPUT & OUTPUT | | | | | | |
| Nominal AC output power (W) | 6000 | 6000 | 8000 | 10000 | 12000 | 15000 |
| Max. AC output apparent power (VA) | 6000 | 6600 | 8800 | 11000 | 13200 | 15000 |
| Max. AC output current (A) | 8.3 | 9.7 | 12.9 | 16.1 | 19.3 | 24.1 |
| Max. AC input apparent power (VA) | 12000 | 12000 | 16000 | 20000 | 24000 | 20000 |
| Max. AC input current (A) | 18.1 | 19.3 | 25.8 | 32.0 | 37.0 | 32.0 |
| Nominal AC voltage (V) | 415 / 240, 400 / 230, 380 / 220 | | | | | |
| Nominal grid frequency (Hz) | 50 / 60 | | | | | |
| Displacement power factor | 0.8 leading ~ 0.8 lagging | | | | | |
| THD (rated power) (%) | < 3 | | | | | |
| BATTERY DATA | | | | | | |
| Battery type | Lithium-ion battery / Lead-acid battery | | | | | |
| Battery voltage range (V) | 180 ~ 800 | | | | | |
| Max. continuous charge / discharge current (A) | N/A | | | | | |
| EPS(OFF-GRID OR BACK-UPS OUTPUT (WITH BATTERY)) | | | | | | |
| Nominal output power (W) | 6000 | 6000 | 8000 | 10000 | 12000 | 15000 |
| Peak apparent power (VA) | 12000 (1s) | 12000 (10s) | 16000 (10s) | 18000 (10s) | 22000 (10s) | 22500 (10s) |
| Max continuous current (A) | 7.2 | 8.7 | 11.6 | 14.5 | 17.0 | 21.8 |
| Nominal voltage (V): Frequency (Hz) | 400 / 230, 50 / 60 | | | | | |
| Switch time (ms) | < 30 | | | | | |
| Parallel operation | YES | | | | | |
| SYSTEM DATA | | | | | | |
| Max. efficiency (%) | 98.0 | | | | | |
| Euro efficiency (%) | 97.7 | | | | | |
| Battery charge / discharge efficiency (%) ^① | 98.5 / 97.5 | | | | | |
| Degree of protection | IP65 | | | | | |
| Operating temperature range (°C) | -35 ~ +60 (Derating above +45) | | | | | |
| Max. operation altitude (m) | + 3000 | | | | | |
| Relative humidity (%) | 0 ~ 100 | | | | | |
| Typical noise emission (dB) | < 35 | | | | < 45 | |
| Storage temperature (°C) | -40 ~ +70 | | | | | |
| Dimensions (WxHxD) (mm) | 503 x 503 x 199 | | | | | |
| Net weight (kg) | 30 | | | | | |
| Cooling concept | Natural cooling | | | | Smart cooling | |
| Communication interfaces | CT / Meter (optional), External control RS485, Pocket WiFi (Optional), Pocket Lan / 4G, DRM, USB Upgrade, NTC (optional) | | | | | |
| POWER CONSUMPTION | | | | | | |
| Internal consumption (night) (W) | < 40W for standby, < 5W for idle | | | | | |
| STANDARD | | | | | | |
| Safety | EN60320-1 / 2 | | | | | |
| EMC | EN61000-6-1 / 2 / 3 / 4, EN61000-5-2 / 3 / 11 / 12 | | | | | |
| Certification | VDE4105, GB, GBL, AS4777, EN50549, CE, IEC62109, IEC62109-2, IEC62109-3, IEC62109-4, IEC62109-5, IEC62109-6, IEC62109-7, IEC62109-8, IEC62109-9, IEC62109-10, IEC62109-11, IEC62109-12, IEC62109-13, IEC62109-14, IEC62109-15, IEC62109-16, IEC62109-17, IEC62109-18, IEC62109-19, IEC62109-20, IEC62109-21, IEC62109-22, IEC62109-23, IEC62109-24, IEC62109-25, IEC62109-26, IEC62109-27, IEC62109-28, IEC62109-29, IEC62109-30, IEC62109-31, IEC62109-32, IEC62109-33, IEC62109-34, IEC62109-35, IEC62109-36, IEC62109-37, IEC62109-38, IEC62109-39, IEC62109-40, IEC62109-41, IEC62109-42, IEC62109-43, IEC62109-44, IEC62109-45, IEC62109-46, IEC62109-47, IEC62109-48, IEC62109-49, IEC62109-50, IEC62109-51, IEC62109-52, IEC62109-53, IEC62109-54, IEC62109-55, IEC62109-56, IEC62109-57, IEC62109-58, IEC62109-59, IEC62109-60, IEC62109-61, IEC62109-62, IEC62109-63, IEC62109-64, IEC62109-65, IEC62109-66, IEC62109-67, IEC62109-68, IEC62109-69, IEC62109-70, IEC62109-71, IEC62109-72, IEC62109-73, IEC62109-74, IEC62109-75, IEC62109-76, IEC62109-77, IEC62109-78, IEC62109-79, IEC62109-80, IEC62109-81, IEC62109-82, IEC62109-83, IEC62109-84, IEC62109-85, IEC62109-86, IEC62109-87, IEC62109-88, IEC62109-89, IEC62109-90, IEC62109-91, IEC62109-92, IEC62109-93, IEC62109-94, IEC62109-95, IEC62109-96, IEC62109-97, IEC62109-98, IEC62109-99, IEC62109-100 | | | | | |

① PV to BAT Max. efficiency 98.5%, BAT to AC Max. efficiency 97.5%

② VDE Information may be subject to modify without notice. 2023-03-01

Data Sheet Baterai PowerSafe SBS 1800



Battery Range Summary

The outstanding EON Technology® of EnerSys® further extends the technical leadership of PowerSafe® SBS® batteries: not only do PowerSafe SBS EON Technology cells and monoblocs retain the benefits typically associated with EnerSys Thin Plate Pure Lead Technology (long life, high energy density, superior shelf life, etc.), they also deliver exceptional cyclic performance in both float and fast charge applications, even in the hottest and harshest operating environments.

Where conventional VRLA AGM batteries struggle to cope with harsh conditions and frequent power outages, EON Technology makes PowerSafe SBS 2V and 12V batteries the perfect solution for the challenging operating conditions of today's telecommunication networks. The specification of PowerSafe SBS EON Technology also makes SBS B14 - 3900 suitable for large-scale UPS and off-grid energy storage applications.

The PowerSafe SBS EON Technology battery range is available in two configurations: the front terminal SBS B14 - SBS 210F designs which makes installation and inspection quick and easy and the SBS 320 - 3900 series which offers industry-leading capacities (up to 3900Ah) in OPzV's DIN container sizes.

For superior energy and power, high performance and proven reliability, there is no substitute to PowerSafe SBS EON Technology batteries.

Features & Benefits

- Capacity range: 62 - 3900Ah
- Superior cyclic performance
- Exceptional fast charge acceptance ability
- High energy density
- Resilient to harsh environments
- Very long design life (15 years at 20°C)
- Up to two year shelf life

EnerSys

Power-Pak Solutions

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Construction

- Positive plates - pure lead grids manufactured using a unique process
- Negative plates - provide perfect balance with the positive plates to ensure optimum recombination efficiency
- Separators - superior quality microporous glass mat separators with high absorption and stability
- Containers and lids - UL94 V-0 rated flame retardant material, highly resistant to shock and vibration
- Electrolyte - high grade dilute sulphuric acid absorbed into separator material
- Terminal design - proven, high integrity leak resistant terminal seal design
- Self-regulating pressure relief valves - prevent ingress of atmospheric oxygen
- Flame arrestors - built into each bloc/ cell for increased operational safety

Installation & Operation

- Designed for operation in traditional float applications and cyclic/hybrid applications
- PowerSafe® SBS® batteries are designed for use in cabinets or on stands, close to the point of use. A separate battery room is not required
- SBS ECON Technology® models can be mounted in any orientation except inverted. In cyclic/hybrid applications, EnerSys® recommend to instal SBS 320 - 3900 cells in horizontal orientation
- Up to two year shelf life (20°C)
- Low maintenance: no water addition required
- Wide operating temperature range: -40°C to +50°C

Standards

- Designed to be compliant with IEC 60896/21 & 22
- Classified as "Very Long Life" (>12 years) according to Eurobat guide
- UL recognised component
- Batteries must be installed in accordance with the IEC 62485-2 and local/national regulations
- Classified as non-spillable battery and approved as non-hazardous cargo for land, sea and air transportation in accordance with the requirements of ADR / RID, IMDG and IATA respectively
- The management systems governing the manufacture of PowerSafe SBS B14 - SBS 3900 products are ISO 9001, ISO 14001 and ISO 45001 certified

General Specifications

| Battery Type | Nominal Voltage (V) | Nominal Capacity (Ah) | | Nominal Dimensions (mm) | | | Typical Weight (kg) | Short Circuit Current (A)* | Nominal Resistance (mΩ) [†] | Terminals |
|--------------|---------------------|-----------------------------|----------------------------|-------------------------|-------|---------------------|---------------------|----------------------------|--------------------------------------|-----------|
| | | 10 hr rate @ 1.75V/c @ 20°C | 8 hr rate @ 1.75V/c @ 20°C | Length | Width | Height (see note 1) | | | | |
| SBS B14 | 12 | 62 | 62 | 200 | 97 | 294 | 19.1 | 1800 | 7.8 | 2 x M8 F |
| SBS B14F | 12 | 62 | 62 | 200 | 97 | 294 | 19.1 | 1800 | 7.8 | 2 x M8 M |
| SBS C11 | 12 | 82 | 81 | 295 | 105 | 294 | 28.0 | 2500 | 5.5 | 2 x M8 F |
| SBS C11F | 12 | 82 | 81 | 417 | 105 | 294 | 28.0 | 2000 | 5.5 | 2 x M8 M |
| SBS 100 | 12 | 100 | 100 | 295 | 108 | 288 | 32.6 | 2210 | 5.6 | 2 x M8 F |
| SBS 100F | 12 | 100 | 100 | 295 | 108 | 288 | 32.6 | 2210 | 5.6 | 2 x M8 M |
| SBS 100F | 12 | 111 | 106 | 361 | 125 | 283 | 49.0 | 2200 | 3.9 | 2 x M8 M |
| SBS 170F | 12 | 170 | 170 | 361 | 125 | 310 | 62.5 | 2600 | 3.5 | 2 x M8 M |
| SBS 190F | 12 | 190 | 190 | 361 | 125 | 316 | 60.0 | 2690 | 3.2 | 2 x M8 M |
| SBS 210F | 12 | 205 | 206 | 360 | 128 | 330 | 63.0 | 2850 | 3.25 | 2 x M8 M |
| SBS 320 | 2 | 320 | 320 | 183 | 208 | 483 | 20.8 | 6220 | 0.22 | 2 x M10 F |
| SBS 400 | 2 | 400 | 400 | 124 | 208 | 425 | 24.0 | 7320 | 0.26 | 2 x M10 F |
| SBS 480 | 2 | 480 | 480 | 145 | 206 | 425 | 28.0 | 8550 | 0.25 | 2 x M10 F |
| SBS 580 | 2 | 580 | 580 | 128 | 208 | 520 | 33.0 | 7420 | 0.26 | 2 x M10 F |
| SBS 680 | 2 | 680 | 680 | 145 | 208 | 520 | 38.5 | 8800 | 0.24 | 2 x M10 F |
| SBS 780 | 2 | 780 | 780 | 181 | 208 | 520 | 44.0 | 9600 | 0.23 | 2 x M10 F |
| SBS 900 | 2 | 900 | 900 | 145 | 208 | 695 | 50.0 | 8110 | 0.26 | 2 x M10 F |
| SBS 970 | 2 | 970 | 970 | 145 | 206 | 695 | 56.5 | 9100 | 0.23 | 2 x M10 F |
| SBS 1200 | 2 | 1200 | 1200 | 210 | 191 | 695 | 78.0 | 11200 | 0.19 | 4 x M10 F |
| SBS 1500 | 2 | 1500 | 1500 | 210 | 220 | 885 | 93.5 | 14100 | 0.16 | 4 x M10 F |
| SBS 1800 | 2 | 1870 | 1870 | 210 | 215 | 895 | 112 | 16800 | 0.12 | 4 x M10 F |
| SBS 2700 | 2 | 2700 | 2700 | 212 | 397 | 820 | 162 | 23200 | 0.08 | 6 x M10 F |
| SBS 3100 | 2 | 3100 | 3100 | 252 | 487 | 820 | 198 | 29100 | 0.07 | 8 x M10 F |
| SBS 3900 | 2 | 3900 | 3900 | 252 | 578 | 820 | 228 | 36600 | 0.06 | 8 x M10 F |

Note:
[†] Figures obtained via EIC method
^{*} With integral or rope handles

Outline Drawings

SBS B14 & SBS C11



SBS B14F & SBS C11F



SBS 100 & SBS 100F



SBS 150F, SBS 170F & SBS 190F



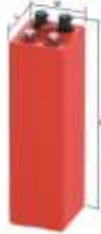
SBS 210F



SBS 320 to SBS 670



SBS 1200, SBS 1500 & SBS 1800



SBS 2700



SBS 3100 & SBS 3900



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Data Sheet Pompa Aerator LP20



LP LOW NOISE AIR PUMP

FEATURES

- Double diaphragms and valve for long-lasting performance
- Unique structure designed for effective low dissipation and low noise
- High volume with steady airflow and robust pressure
- No lubrication necessary
- Energy-efficient motor
- Widely used for aeration ponds, fish farms, aquariums, and in other related applications



Low Noise

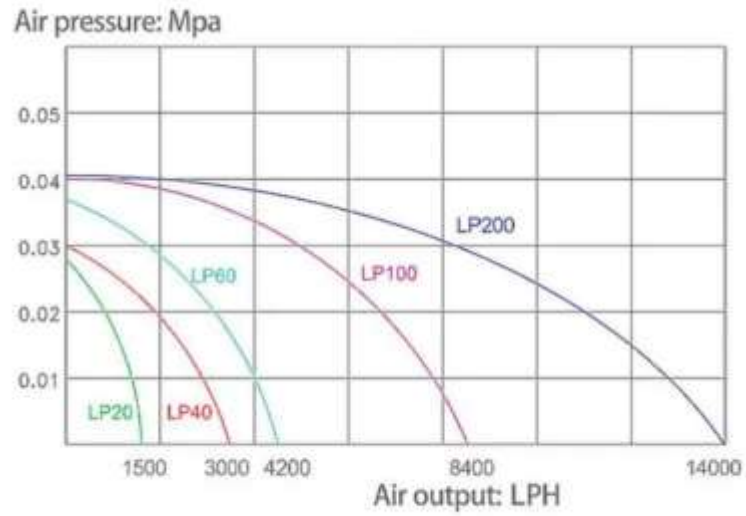


LP20



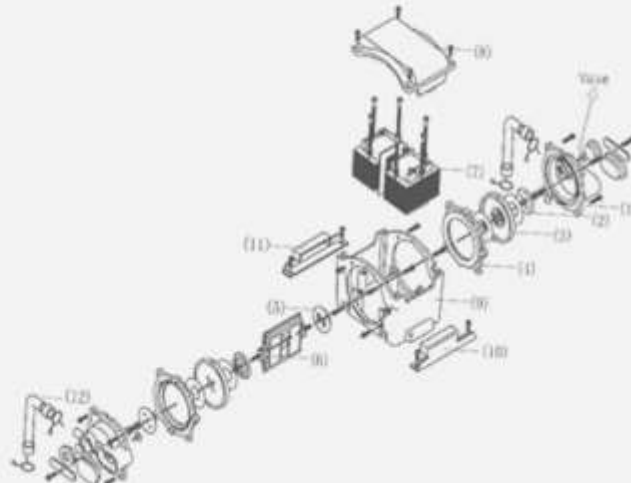
LP40

CHARACTERISTIC CURVE



PRODUCT BREAKDOWN

1. Air chamber with valves
2. Diaphragm back board
3. Diaphragm
4. Diaphragm base
5. Diaphragm front board
6. Magnetic frame
7. Motor
8. Coil cover
9. Coil base
10. Right limit block
11. Left limit block
12. Rubber tube





MODEL PARAMETERS

| MODEL | VOLT. FREQ. | POWER | AIR FLOW | PRESSURE | AIR STONE'S MAX DEPTH IN WATER | AIR DIVIDER OUTLETS | DIMENSION |
|-------|--------------------------------|-------|--------------------|----------|-----------------------------------|------------------------|---------------|
| LP20 | 100-120V / 220-240V 50/60Hz | 17W | 1500 L/H 400G/H | 0.028Mpa | 2.2m | 6 | 215x145x170mm |
| LP40 | 100-120V / 220-240V 50/60Hz | 35W | 3000 L/H 800G/H | 0.030Mpa | 2.8m | 12 | 250x174x190mm |

Pengukuran Kadar Oksigen Terlarut Pada kolam Bioflok

