

PSk3-7 C-SJ8-30

Solar Submersible Pump System for 6" wells

max. 160 m

max. 13 m³/h

System Overview

Head Flow rate

Technical Data

Controller PSk3-7

- High efficiency solar pump controller
- Integrated hybrid power functions to mix solar with grid / generator power
- Integrated MPPT (Maximum Power Point Tracking)
- . Multiple analogue and digital sensor
- Simple configuration with LORENTZ Assitant App .

Onboard data logging and system monitoring with real-time and historic data views Inbuilt water applications to manage your pumping system

- SunSensor included for unique pump and motor protection
- Active temperature management

Power	max. 8,3 kW
Input voltage	max. 850 V
Optimum Vmp**	> 575 V
Motor current	max. 13 A
Efficiency	max. 98 %
Ambient temp.	-2560 °C
Enclosure class	IP66

Motor AC DRIVE SUB 6" 5.5kW

- Highly efficient 3-phase AC motor
- Frequency: 30...54 Hz
- Premium materials, stainless steel: AISI 304

 No electronics in the motor 	
Efficiency	max. 85 %
Motor speed	1.7103.080 rpm
Power factor	0,88
Insulation class	F
Enclosure class	IP68
Submersion	max. 150 m

Pump End PE C-SJ8-30

 Non-return valve Premium materials, stainless steel: AISI 304 Centrifugal pump Efficiency

Pump Unit PU7k C-SJ8-30 (Motor, Pump End)

Borehole diameter	min. 6,0 in
Water temperature	max. 30 °C****

Standards

CE

2006/42/EC, 2004/108/EC, 2006/95/EC

IEC/EN 61702:1995, IEC/EN 62253 Ed.1

The logos shown reflect the approvals that have been granted for this product family. Products are ordered and supplied with the approvals specific to the market requirements

max. 56 %

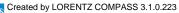
Vmp: MPP-voltage under Standard Test Conditions (STC): 1000 W/m² solar irradiance, 25 °C cell temperature **Special solutions available for >30 °C, please consult your distributor



Siebenstuecken 24, 24558 Henstedt-Ulzburg, Germany, Tel +49 (0)4193 8806-700, www.lorentz.de



Sun, Water. Life.

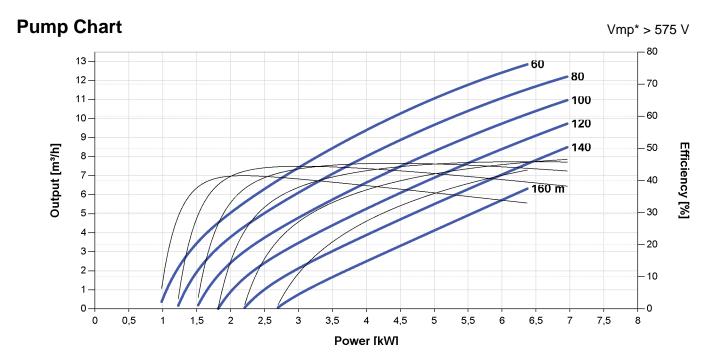


All specifications and information are given with good intent, errors are possible and products may be subject to change without notice. Pictures may differ from actual products depending on local market requirements and regulations.

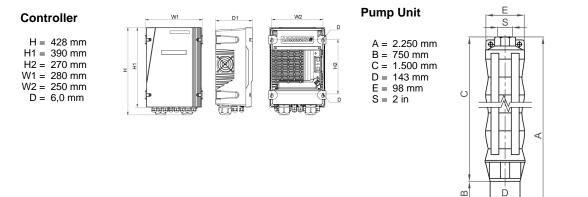


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Dimensions and Weights



Net weight

Controller	
Pump Unit	67 kg
Motor	48 kg
Pump End	19 kg

*Vmp: MPP-voltage under Standard Test Conditions (STC): 1000 W/m² solar irradiance, 25 °C cell temperature

BERNT LORENTZ GmbH

Siebenstuecken 24, 24558 Henstedt-Ulzburg, Germany, Tel +49 (0)4193 8806-700, www.lorentz.de



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