



# DPR 600B-48 EnergE

## Single Phase Rectifier

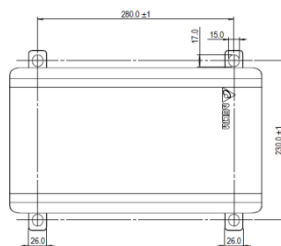
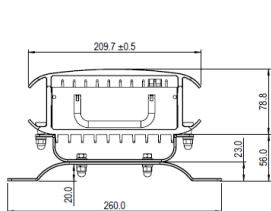
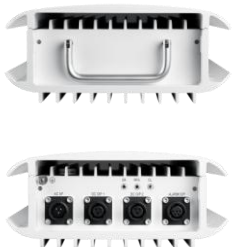
### Product Feature

- For next generation 4G LTE small cell networks
- Wide AC input range
- High Efficiency up to 96.0%
- Natural cooling
- Light and compact size
- Varied mounting types for wall mount and pole mount design
- Operating temperature from  $-25^{\circ}\text{C}$  to  $46^{\circ}\text{C}$
- IP65 protection class
- NEBS GR-63 Zone4, Earthquake compliance

# Specifications

Model	DPR 600B-48 ID:A1
<b>1. Input</b>	
AC configuration	1Ø3W
Mains voltage	90-120V <sub>AC</sub>
Mains frequency	50 / 60HZ
<b>2. Output</b>	
Nominal system voltage	54.0V <sub>DC</sub>
Output voltage	42.0 – 58.0V <sub>DC</sub>
Output power	600W @ 100V <sub>AC</sub> ; 1000W @ 200V <sub>AC</sub> ; 650W @ 110V <sub>AC</sub> ; 1000W @ 230V <sub>AC</sub> ;
Output current	12.5A @ 100V <sub>AC</sub> ; 20.8A @ 200V <sub>AC</sub> ; 13.5A @ 110V <sub>AC</sub> ; 20.8A @ 230V <sub>AC</sub> ;
Over voltage protection	56.0 V
Load sharing	Yes
Protection	Internal fuse
<b>3. General</b>	
Efficiency	94.0% @ 100V <sub>AC</sub> ; 96.0% @ 230V <sub>AC</sub>
Communication Interface	CAN bus
User interface	Status indication
Dimensions (W x H x D)	209.8 x 360.0 x 88.8 mm (8.3 x 14.1 x 3.5 inch)
Weight	6.4 kg (14.1 lb)
Safety	CE, TUV, TUV S mark, UL 60950, NEBS GR1089, JET
EMC	VCCI, EN55022, CISPR22
Environment	RoHS compliant
Cooling	Natural Cooling
Mount	Lamp post, pole or wall mountable
Construction	Aluminium
Finish	Powder coating
Connector	
● AC input	JR13WR-3P(71) x 1
● DC output	JR13WR-3S(71) x 2
● Alarm	JR13WR-5S(71) x 1
<b>4. Environment</b>	
Operating temperature	-25°C to +46 °C (-13°F to +114 °F) (GR-487)
Protection class	IP65 (EN 60529)
Humidity (relative)	95%, non-condensing (Max.)
<b>5. Ordering information</b>	
Rectifier	ESR-48/15C F-S

\*All specifications are subject to change without prior notice.



Delta Group Website:  
[www.deltaww.com](http://www.deltaww.com)

Product Website:  
[www.deltapowersolutions.com](http://www.deltapowersolutions.com)

**United States of America & Canada**  
Delta Greentech (USA) Corp.  
2360 Campbell Creek Blvd. #530  
Richardson (Texas) 75082

**Central America**  
Delta Electronics International Mexico,  
S.A. de C.V.  
Via Gustavo Baz No. 2160  
Col. Industrial La Loma Tlaineptla  
CP 54060, Edo de Mexico

**South America**  
Delta Greentech (Brasil) S.A  
Rua Itapeva, 26 - 3 andar - Bela Vista  
01332-000 - São Paulo - SP - Brasil

**Asia Pacific**  
Delta Electronics, Inc.  
3 Tungyuan Road, Chungli Industrial  
Zone,  
Taoyuan County 32063, Taiwan

**China**  
Delta Electronics (Shanghai) Co., Ltd.  
No.182 Minyu Road, Pudong Shanghai,  
P.R.C., China

**Japan**  
Delta Electronics (Japan), Inc.  
2-1-14 Shibadamin, Minato-ku, Tokyo,  
105-0012, Japan

**Russia**  
Delta Energy Systems LLC  
Vereyskaya Plaza II, office 401  
121357 Moscow, Russia

**Europe**  
Delta Energy Systems (Switzerland) AG  
Freiburgstrasse 251  
3010 Bern-Bümpliz, Switzerland