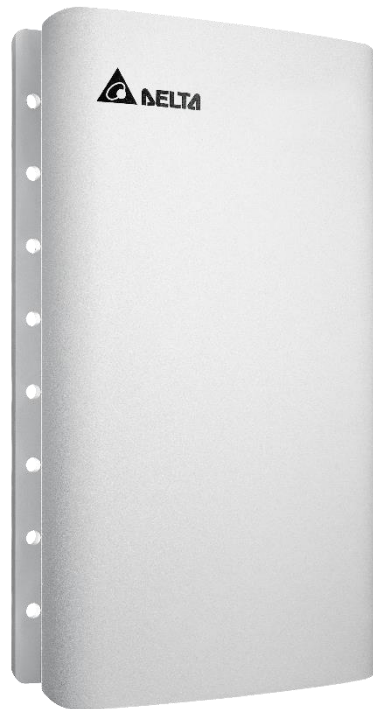


DPR 600B

Stand-alone Single Phase Rectifier



With the launch of 5G, mounting the rectifiers along with the telecom system, which is locating at the densely populated area, becomes an inevitable trend as a challenge.

To meet the demand of 5G small cell networks, DPR 600B is the optimal solution with lightweight structure but heavyweight performance.

As a result of the compact size, DPR 600B is in varied mounting styles not only for lamppost mount, pole mount but wall mount. Besides of the well flexibility, DPR 600B has also reached IP65 class and went through the earthquake test (zone4), which makes DPR 600B well protected and robust enough to against the external force.



DPR 600B



KOASEA-16-ZL

INPUT

Voltage (nominal)	100V _{AC} (single phase, 3 wire)
Voltage (range)	90 - 120V _{AC}
Frequency	45 - 66Hz
Power Factor	> 0.99
Total Harmonic Distortion	< 5%@100% load
Lightening Protection	6kV (EN 61000-4-5)
Protection	Internal fuse

OUTPUT

Voltage (default)	-54.0V _{DC}
Voltage (adjustable range)	-42 to -58V _{DC}
Output Current	11.10A@100V _{AC} ; 12.96A@120V _{AC}
Maximum Power @ nominal Input	600W@100V _{AC} ; 700W@120V _{AC}
Peak Efficiency	94.0%@100V _{AC}
Load Regulation	≤ ± 250mV
Ripple	≤ 250mV
Current Sharing	≤ ± 5%
Over voltage protection	59V ± 1
Load Sharing	YES
Protection	Internal fuse

USER INTERFACE

Alarm and Signaling	CANbus to System Controller
Indications	OK/RFA Indications OK/RFA

MECHANICAL

Dimensions (W x H x D)	209.8 x 360.0 x 88.8mm (8.3 x 14.2 x 3.5in) (body)
Weight	<6kg (13.2lbs) (breaker excluded)
Mount	Pad mount, Wall mount, Pole mount
Construction	Aluminium
Finish	Powder coating
Connector	AC input DC output Connector Alarm

ENVIRONMENTAL

Operating Temperature	-40 to +65 °C (-40 to +149 °F); De-rating above 46 °C (+114 °F); (GR-487)
Storage Temperature	-25 to +70 °C (40 to +158 °F)
Altitude	0 to +3000m
Related Humidity	0 – 95 % RH non-condensing
Acoustic Noise	≤ 40dBA
Protection Class	IP65 (EN 60529)
Cooling	Natural cooling

STANDARDS

EMC	VCCI, EN55032, CISPR22
Environment	RoHS
MTBF	300k hours @ 25 °C (+77 °F)

* All specifications are subject to change without prior notice.