

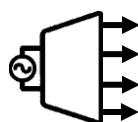
DCL4kW1P

DCL4kW1P is a 1-phase AC to DC output embedded with a maximum of 4 solid-state DC breakers, providing high power efficiency and easy installation for DC building and related applications.



High efficiency

4kW DC power with 98.5% peak efficiency



Flexible configuration

Connect to 1 to 4 DC bus with individually protection



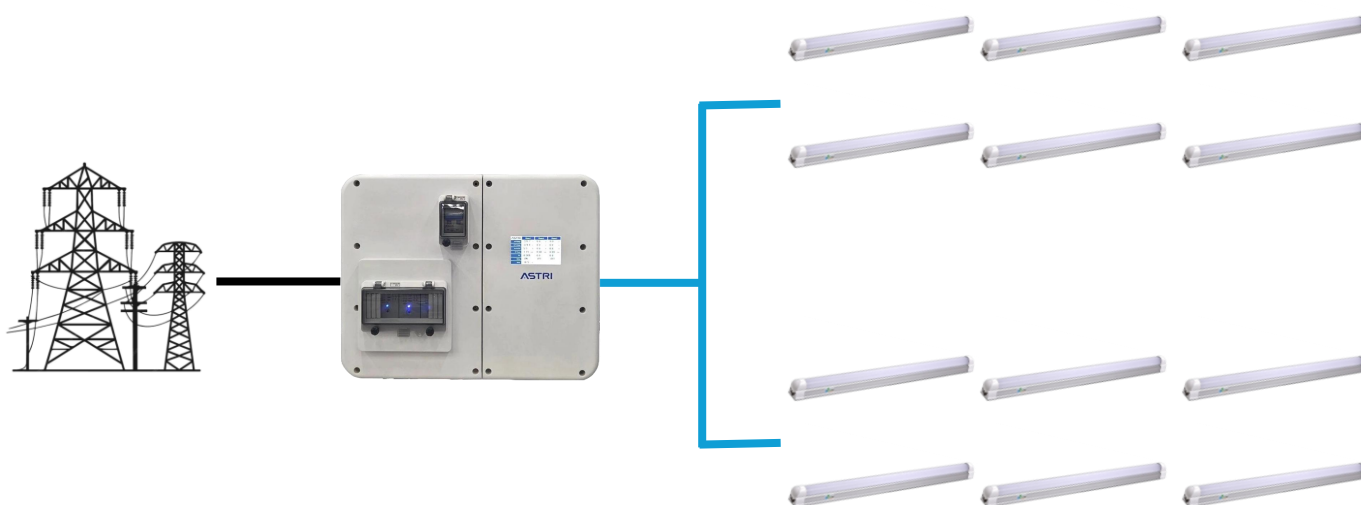
Natural cooling

No acoustic noise & eliminate fan power loss



Real time monitoring

WIFI monitoring & reporting



Product Specification

DCL4kW1P

Input (AC)	
Nominal Voltage	220V AC
Voltage Range	198 – 240V AC
Frequency	50Hz
Nominal Current	20A
Power Factor @ 50% Load or higher	>0.99
Protection	MCB, Varistor, OCP, OVP, OPP, OTP
Output (DC)	
Voltage	375V DC
Voltage Range (adjustable)	360 – 400V DC
Power Continuous	4kW
Nominal Current (Total Output)	10.7A
Voltage Stabilized Accuracy	-
Current Stabilized Accuracy	-
Static Voltage Regulation	5%
Hold-up Time	20ms @ 100% load
Voltage Ripple	12Vp-p
Protection	OCP, OVP, UVP
General Data	
Efficiency (375V Output)	97.3% @ 10% load, 98.5% @ 50% load, 98.3% @100% load
Degree of Protection	IP54
Audible Noise Level	-
Type of Cooling	Natural cooling
Operating Environment	0 – 50°C / 0 – 95% RH non-condensing, Output power linear derated 4kW @ 40°C, 3kW @50°C
Dimension (mm)	493(W) x 390(H) x 165(l)
EMC	EN55032 Class A
Communication	Wi-Fi
Installation	Wall mount
Installation position	Vertical

