

POWER CONTROL UNIT - PCU-110

The PCU-110 by Berlin Space Technologies is the second generation of our flight proven Power Control and Distribution Units. It is able to handle power regulation, power switching, DC/DC conversion and safety features of a small satellite. It is highly adaptable for different missions and sub systems.



CHARACTERISTICS	
Main TMTC Interface	RS422
Solar Panel Power In (standard) (optional)	20-25V DC 12V, 15V, 18V, 28V
Regulated Power (standard) (optional)	24V, 12V, 5V, 3.3V Any between 1.8V to 28V
Adjustable Switches and Fuses	Yes
Latch Protection	Yes
Battery Protection	Schmitt Trigger intelligent Power Management
MPPT	Optional
Size	236x105x87mm ³
Weight	0.96kg
Storage Temperature	-30°C to +50°C
Operating Temperature	-20°C to +40°C
Design Life	5 years LEO