

## EPB4805 - POWER BACKUP SOLUTION

EPB4805 is a type of backup power product suitable for Baicells 1w (2\*1w, 4\*1w) eNodeB and other low power equipments with DC supply. The product can provide AC to DC conversion and DC power backup with extremely compact design and almost zero footprint.



### FEATURES

- Simple deployment
- Wide range for AC input (90v~264v)
- IP65 protection grade
- Intelligent battery management
- More than three years lithium battery service life
- Wide operating temperature range -30 °C ~ +55 °C
- Remote management with unified OMC for eNB

### SCENARIOS

- Region with instable power supply and need power backup
- Other products work with +37 v ~ + 54 v DC power supply
- Can be customized according to requirements

Item	Parameters	
Physical Dimension	net size(width× depth × height)	227mm × 80 mm × 312 mm
	size with sun shade	239mm × 103 mm × 327 mm
	weight	6.9 kg
	cooling mode	natural cooling
	installation mode	pole mounted
	hold pole diameter	105 – 210 mm
	wiring method	side door
	noise grade	≤ 65 dB(A) @ 1.5 m, meet the standard GR487
	protection grade	IP65
Power Specification	input voltage	110v AC (90~264v AC)
	battery capacity	supporting 48V/5 Ah lithium battery
	output voltage	+37v~+54v DC
	max output power	200 W
	lightening protection	3kA/5kA (8/20μs)
Communication Interface	communication interface	RJ-45 interface, used for debug or management
Environmental Specification	operating temperature range	-30°C to +55°C (Solar radiation included)
	storage temperature range	-30°C to +70°C
	operating humidity range	5% - 95% (no dewdrops)
	altitude height	0 - 4000m (2000m ~ 4000m, with every 200m altitude increases, maximum operating temperature decreases 1°C )
	windload	≤ 40 m/s