

POWereco 50 KW / 103 KWH



Flexible expansion, one machine multi-effect matching a variety of application scenarios



Multiple protection systems



Highly integrated design AC and DC integrated



Fingertip monitoring and cloud maintenance

Parameters/model		PowerEco 50 kW / 103 kWh
DC side parameter	DC branch	1 channel
	DC busbar maximum voltage	1000 V
	DC side maximum current	88 A
	DC voltage operating range	200 ~ 900 V
AC grid connection parameter	Maximum input apparent power	50 kVA
	Maximum input active power	50 kW
	Rated input voltage	220/380 V, 3P4W+PE
	Maximum continuous input current	86 A
	Rated input frequency	50 Hz
AC off-grid parameter	AC off-grid voltage	220/380 V, 3P4W+PE
	Maximum continuous output current	86 A
	AC off-grid frequency	50 Hz
Battery parameters	Battery type	LFP
	Rated capacity	103 kWh
	Nominal voltage	345.6 V
	Operating voltage range	302 ~ 378 V
	Charge/discharge rate	≤ 0.5 C
	Maximum charging current	50 A*2
System level parameters	HMI	8 inch LCD touchscreen
	Fire protection system	Perfluorhexone fire protection
	Cooling method	Air cooling
	Operating temperature	0 ~ 55 °C
	IP Class	IP54
	Size (W x D x H)	< 1200 x 1100 x 1850 mm
	Weight	< 1200 kg
	Certificates	CANS, CMA