

POWereco 100 kW / 224 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 100 kW / 224 kWh
DC side parameter	DC branch	1 channel
	DC busbar maximum voltage	1000 V
	DC side maximum current	165 A
	DC voltage operating range	650 ~ 1000 V
AC grid connection parameter	Maximum input apparent power	110 kVA
	Maximum input active power	110 kW
	Rated input voltage	220 / 380 V, 3P4W+PE
	Maximum continuous input current	152 A
	Rated input current	50 Hz
AC off-grid parameter	AC off-grid voltage	220 / 380 V, 3P4W+PE
	Maximum continuous output current	152 A
	Off-grid frequency	50 Hz
Battery parameters	Battery type	LFP
	Rated capacity	224 kWh
	Nominal voltage	748.8 V
	Operating voltage range	655 ~ 819 V
	Charge / discharge rate	≤ 0.5 C
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)	1600 x 1100 x 2200 mm
	Weight	< 2500 kg
	Certificates	CANS, CMA