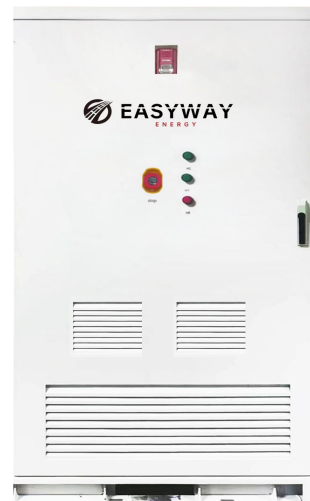




C & I Energy Storage System

Basic Parameters

MODEL		ESS 241kWh/100kW
BATTERY PARAMETER		
Total Energy (kWh)		241
Useable Energy (kWh)		226.68
Nominal Voltage (Vd.c)		768
Voltage Range (Vd.c)		672 ~ 864
Rated Capacity (Ah)		314
Recommend charge/discharge rates		0.4C
Single Module Specifications		153.6V/314Ah
Cooling Type		Liquid Cooling
AC OUTPUT PARAMETER		
Nominal Output Power To Grid (kW)		105
Max. Output Power To Grid (kW)		115
Max. Output Current To Grid (A)		167
Nominal Grid Voltage (V)		230/400V, 3L+N+PE
Rated Grid Frequency (Hz)		50/60
Maximum efficiency		99%
SYSTEM PARAMETER		
Dimension (W *H* D) (mm)		1055*2300*1300
Weight (KG)		3050
Operation Temperature	Charge	0°C ~ 55°C (32°F ~ 131°F)
	Discharge	-20°C ~ 55°C (-4°F ~ 131°F)
Storage Temperature		-20°C ~ 55°C (-4°F ~ 131°F)
IP Rating		IP54
Corrosion Resistance Rating		C4
Fire Protection Type		Perfluorohexanone
Operating Environment		Indoor & Outdoor (10% ~ 95% (RH) No Condensing)
Altitude		≤2000 m
Warranty		PCS(5 Years) Battery(10 Years)
Operation Life		15+ Years (25°C/77 °F)
Cycle Life		≥8000 @25°C
Certification		CE/UN38.3/MSDS

The recommended and max. continuous operation current is for a battery cell temperature within 10~40°C to consider, out of such temp. range will cause a derating on operation current.