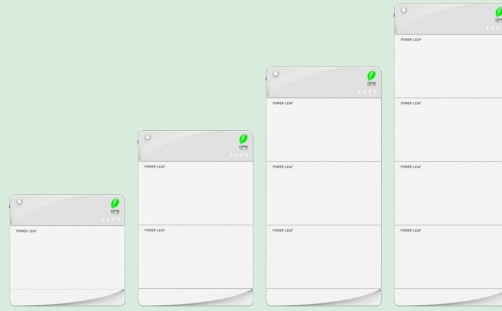




CPS ESSR-05~20KL/
US



Model	CPS ESSR-05KL1/US	CPS ESSR-10KL1/US	CPS ESSR-15KL1/US	CPS ESSR-20KL1/US
System Parameters				
Power Control Module	CPS ECD51/US	CPS ECD51/US	CPS ECD51/US	CPS ECD51/US
Battery Extension Module	CPS EBM016100LF-L/US	CPS EBM016100LF-L/US	CPS EBM016100LF-L/US	CPS EBM016100LF-L/US
Rated Voltage(V)	51.2	51.2	51.2	51.2
Operating Voltage Range(V)	44.8~57.6	44.8~57.6	44.8~57.6	44.8~57.6
Max Charge/Discharge Current(A)	50	100	150	200
Peak Current(A)	60	120	180	200
Peak Time(S)	10	10	10	10
Max Power(kW)	2.5	5.0	6.0	6.0
Rated Charge/Discharge Energy(kWh)	5.00	10.00	15.00	20.00
Useable Battery Energy(kWh)	5.00	10.00	15.00	20.00
DOD	100%	100%	100%	100%
Weight	132.3lb(60kg)	229.3lb(104kg)	326.3lb(148kg)	423.3lb(192kg)
Dimension (W*D*H)	26.4*7.1*25.6in (670*178*650mm)	26.4*7.1*40.2in (670*178*1020mm)	26.4*7.1*54.8in (670*178*1390mm)	26.4*7.1*69.3in (670*178*1760mm)
Product Parallel Extension(kWh)	Up to 60kWh	Up to 60kWh	Up to 60kWh	Up to 60kWh
Operating Temperature	Charge: +14 °F to +122 °F (0°C to +50°C) Discharge: +32 °F to +122 °F (-10°C to +50°C)	Charge: +14 °F to +122 °F (0°C to +50°C) Discharge: +32 °F to +122 °F (-10°C to +50°C)	Charge: +14 °F to +122 °F (0°C to +50°C) Discharge: +32 °F to +122 °F (-10°C to +50°C)	Charge: +14 °F to +122 °F (0°C to +50°C) Discharge: +32 °F to +122 °F (-10°C to +50°C)
Working Humidity	5~95%	5~95%	5~95%	5~95%
Protection	IP65	IP65	IP65	IP65
EOL	70%	70%	70%	70%
Communication	CAN	CAN	CAN	CAN
Certificates	UL 38.3, UL 1973, UL 9540, UL 9540A, UL 60730, FCC	UL 38.3, UL 1973, UL 9540, UL 9540A, UL 60730, FCC	UL 38.3, UL 1973, UL 9540, UL 9540A, UL 60730, FCC	UL 38.3, UL 1973, UL 9540, UL 9540A, UL 60730, FCC
Installation	Floor Mount & Wall Mount	Floor Mount & Wall Mount	Floor Mount & Wall Mount	Floor Mount & Wall Mount
Cooling	Natural Cooling	Natural Cooling	Natural Cooling	Natural Cooling
Altitude	≤3000	≤3000	≤3000	≤3000
Black Start Mode	Yes	Yes	Yes	Yes
Sleep Mode	Yes	Yes	Yes	Yes
Pack Fire Control	Optional	Optional	Optional	Optional
Battery Extension Module				
Module	CPS EBM016100LF-L/US			
Rated Charge/Discharge Energy(kWh)	5			
Dimension (W*D*H)	26.4*7.1*14.6in(670*178*370mm)			
Weight	97.1lb(44kg)			
EOL(%)	70			
Warranty (years)	10			
Power Control Module				
Model	CPS ECD51/US			
Operating Voltage Range(V)	44.8~57.6			
Max Charge/Discharge Current(A)	200			
Dimension (W*D*H)	26.4*7.1*11.1in(670*178*280mm)			
Weight	17.7lb(8kg)			