















ESS--48V

50.4 V

-  Graphene based supercapacitor technology
-  Extreme fast charging
-  Low cell degradation
-  High energy density and conversion efficiency
-  Very high cycle and service life
-  Built in protection for over-charge, over-discharge & over-temperature
-  High temperature resilient/ no thermal runaway risk
-  Easy wall mount or rack installation
-  Compatible with most inverters and chargers



-  Full integration with leading Inverter brands
-  Scalable as your needs grow
-  Environmental friendly

UNIT SPECIFICATIONS

Model Type	SEV483600	SEV485500	SEV487500
Nominal Voltage/V	50.4	51.8	51.8
Nominal Capacity/Ah	72	108	147
Nominal Energy/Kwh	3.6	5.5	7.6
Dimension/mm	507x470x185	463x470x185	519x470x185
Full Charging Time/h	30min	2H	1H
Discharging Current/A	100/200	100/200	100/200
Operating Temp (Charging)	0~55 °C	0~55 °C	0~55 °C
Operating Temp (Discharging)	-20~65 °C	-20~65 °C	-20~65 °C
Storage Temperature	-20~40 °C	-20~40 °C	-20~40 °C
Storage Humidity	25% ~ 95%RH	25% ~ 95%RH	25% ~ 95%RH
Weight/Kg	47	45	50
Ingress Protection	IP54	IP54	IP54
LCD/Dash Board	optional	optional	optional
Cycle Life	8000(3C3D)	8000(3C3D)	4000(1C1D)
Operate Years	optional	optional	optional