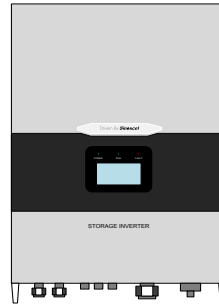


Sinexcel



Charger Mode

AC input voltage	480V(423V-528V)
AC input current	36A
AC input power	30kW
AC frequency	60Hz(59.5Hz-60.5Hz)
Battery charge voltage	200-750V (350-750V Full Power)
Battery charge current	90A Max

AC Utility-interactive Mode

Battery discharge voltage	200-750V (350-750V Full Power)
Battery discharge current	90A Max
AC output voltage	480V(423V- 528V)
AC output current	36A
AC output power	30kW
AC frequency	60Hz(59.5Hz-60.5Hz)
AC output PF	0.8 leading to 0.8 lagging(Controllable)

AC Stand-alone Mode

Battery discharge voltage	650Vdc(500Vdc-850Vdc)
Battery discharge current	90A Max
AC output voltage	480V(±10% configurable)
AC output current	36A
AC output power	30kW(33kW)
AC frequency	60Hz
AC output PF	0.8 leading to 0.8 lagging(Load-depend)
Output overload capability	105%~115% 10min; 115%~125% 1min; 125%~150% 200ms

SYSTEM

Peak efficiency	97.00%
Protection	OTP, AC OVP/UVP, OFP/UFP, EPO, AC Phase Reverse, Fan/Relay Failure, OLP, DC GFDI, Anti-islanding (on/off)

Configurable protection limits	Upper/Lower AC Voltage/Frequency limit, Battery EOD voltage.
Installation	Wall-mounting
AC connection	3P+N+PE
Isolation	Non-isolation
Cooling	Forced air cooling with replacable fan module
Noise	<65dB
Enclosure	IP32/NEMA1
Max elevation	3000m/10000feet (> 2000m/6500feet derating)
Operating temp.	-20°C to 60°C (De-rating over 45°C)
Humidity	0~95%(No condensing)
Size (W*H*D)	470*660*176mm/ 18.5*26*6.95 inches
Weight	43kg/95Lbs

COMMUNICATION

Display	Touch Screen
EMS protocol	ModBus TCP/IP , MESA
Socket	Ethernet, RS485
BMS protocol	ModBus RTU, MESA

STANDARD & CERTIFICATES

Safety	UL9540, UL1741
--------	----------------