

SPECS AT A GLANCE

OUTPUT POWER	40KW/60KW
OUTPUT CURRENT	480 V AC
INPUT VOLTAGE	L1, L2, L3, NEUTRAL & PE
STANDARD CONNECTOR	CCS1 & NACS
CABLE LENGTH	25FT
CONNECTOR QTY	DUAL
CONNECTIONS	4G,ETHERNET
POWER SELECTABLE	YES

CERTIFICATIONS



FEATURES

WIDE COVERAGE: One size supports 40kw, 60kw models; Ports CCS1 & NACS

FLEXIBLE INSTALLATION: Slim size 5.9inch depth. Pedestal mounting and bracket mounting. Cable retractor option.

SAFE & RELIABLE: Comprehensive protection mechanisms, fully compliant with the latest national and industry standards

DYNAMIC LOAD BALANCE: Delivers maximum power through a single connector and supports intelligent load balancing when using dual connectors, adaptable to outputs from 0–60 kW.

TECHNICAL SPECS

INPUT	Voltage Rating	3Φ480Vac
	Wiring	L1, L2, L3, Neutral & PE
	Max. Input Current	49A / 73A
OUTPUT	Input Protection	OVP, OPP, UVP, SPD
	Max. Output Power	DC 40 kW / 60 kW
	Voltage Accuracy	±0.5%
	Current Accuracy	±1%
	Output Voltage Range	200Vdc ~1000Vdc
	Maximum Output Current	125A / 200A
POWER MODULE	Output Protection	SCP, OCP, OVP, LVP OTP, IMD
	Power Factor	> 0.99
	Efficiency	> 94%, at optimize V/I point
	Cooling	Intelligent Air Cooling
	Standby Power	< 100W
	Electrical Isolation	Isolation between Input and Output
FUNCTIONAL INTERFACES	Internal Protection	OTP, AC/DC contactor detection, Fuse detection
	Max. Connectors per Unit	Dual
	Supported Connector Types	CCS1 & NACS
	Cable Lengths	25 ft
	Display	7 Inch LCD Display

ENERGY MANAGEMENT	Output Power Management	Support configurable
	Simultaneously Output Mode	0% , 50% , 100% *
	Remote Load Management	Via OCPP 1.6 JSON
SAFETY RATINGS AND CERTIFICATIONS	Safety	UL2202,UL2231
	FCC Compliant	YES
	Energay Star(Espen)	Ongoing
	Ingress Protection	IP54, Type 3R
	Anti-Vandalism	IK10, excluding LCD & RFID
ENVIRONMENTAL CONDITIONS	Dedicated Breaker Rating	100A Molded Case Circuit Breaker
	Operational Temperature	-22°F - 122°F
	Storage Temperature	-40°F - 158°F
	Relative Humidity	5%~95% RH, non-condensing
	Acoustic Noise (dB(A))	≤85dB(A) Pout,Rt=25°C
	Altitude	< 6,560 FT (2000m)
MECHANICAL SPECIFICATIONS	Dimensions	25.6 x 5.9 x 41.3 inch
	Weight	203 / 223 Lbs