

Power Module 20 / 30 / 40 kW

EV DC charger power module · CAN · stackable to 120 kW+

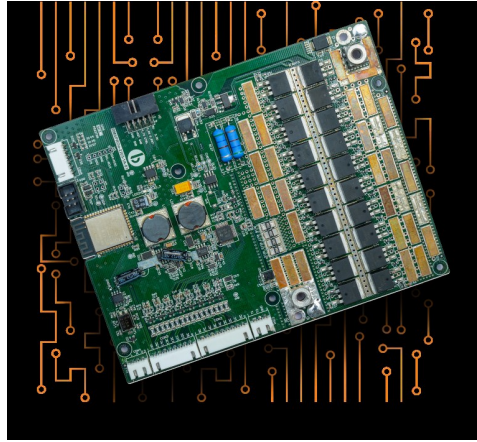


	Spec	20 kW	30 kW	40 kW
AC Input	Voltage	380 VAC $\pm$ 10% (3P+N+PE)		
	Voltage Range	285 to 475 VAC		
	Frequency	50 Hz	50-65 Hz	50-65 Hz
	Power Factor	$\geq$ 0.99		
	THD	$\leq$ 5%		
DC Output	Voltage Range	200 to 1000 VDC		
	Current Range	0.5-80 A	0.5-120 A	0.5-134 A
	Power Output	20 kW	30 kW	40 kW
	Peak Efficiency	$\geq$ 96%		
Interface	Protocol	CAN		
Environment	Op. Temp.	-30°C to 75°C		
Mechanical	Dimension (mm)	460×248×84	437.5×336×84	437.5×336×84
	Weight	< 12 kg	< 16 kg	< 20 kg
	MTBF	500,000 hours		

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Battery Management System (BMS)

SoH / SoC estimation · passive cell balancing · IONDASH cloud



	16 cell BMS	22 cell BMS
Model	BMS-16S-xxA	BMS-22S-xxA
Cells	3 to 16 series cells	4 to 22 cells
Voltage	7 V to 75 V	12.5 V to 92.5 V
Chemistry	Li-ion / Li-polymer / LiFePO4	Li-ion / Li-polymer / LiFePO4
Communication	BLE, WiFi, non-isolated CAN, GSM/GPRS & GPS	BLE, WiFi, non-isolated CAN, GSM/GPRS & GPS
Cloud	IONDASH web platform (MQTT)	IONDASH web platform (MQTT)

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Accu.Live Wearable ECG Monitor

Real-time remote patient monitoring · BLE + cloud



Spec	Detail
Vitals	ECG, heart rate, HRV, blood pressure, SpO2, respiratory rate, body temperature, activity, fall detection
Battery	Rechargeable · up to 7 days (168 h)
Connectivity	Bluetooth Low Energy (~10 m) + cloud sync
Features	Remote patient monitoring · doctor & patient portals · scheduled monitoring · arrhythmia detection
Data	Cloud storage · CSV export · patient enrollment
Standard	FDA-approved biosensor · water-resistant

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