OutBack POWER™
an EnerSys company

A System Working Together

RADIAN STACKING FOR HIGH POWER APPLICATIONS

50Hz	60Hz
7kW, 230VAC	8kW, 120/240VAC
+	+
7kW, 230VAC	8kW, 120/240VAC
+	+
7kW, 230VAC	8kW, 120/240VAC
+	+
7kW, 230VAC	8kW, 120/240VAC
LOAD: 28kW, 230VAC	LOAD: 32kW, 120/240VAC

Inverter stacking is an **ideal solution for large residential and light commercial applications** that require higher power output, but may not require the output associated with a single high-voltage inverter.

WHAT IS STACKING

Stacking OutBack Radian Series inverter/chargers allows them to act as a single system, working together to charge batteries and provide power to loads. Up to 10 OutBack Radian Series inverter/chargers can be stacked, for a maximum output of 70kW (for 50Hz applications) or 80kW (for 60Hz applications).

ADVANTAGES

Stacking OutBack Radian Series inverter/chargers in a master-slave configuration allows slave inverter/chargers to "sleep" while power requirements are low—helping to reduce standby energy loss. When power needs to increase, slave inverters "wake" one at a time to match the increased power requirements.