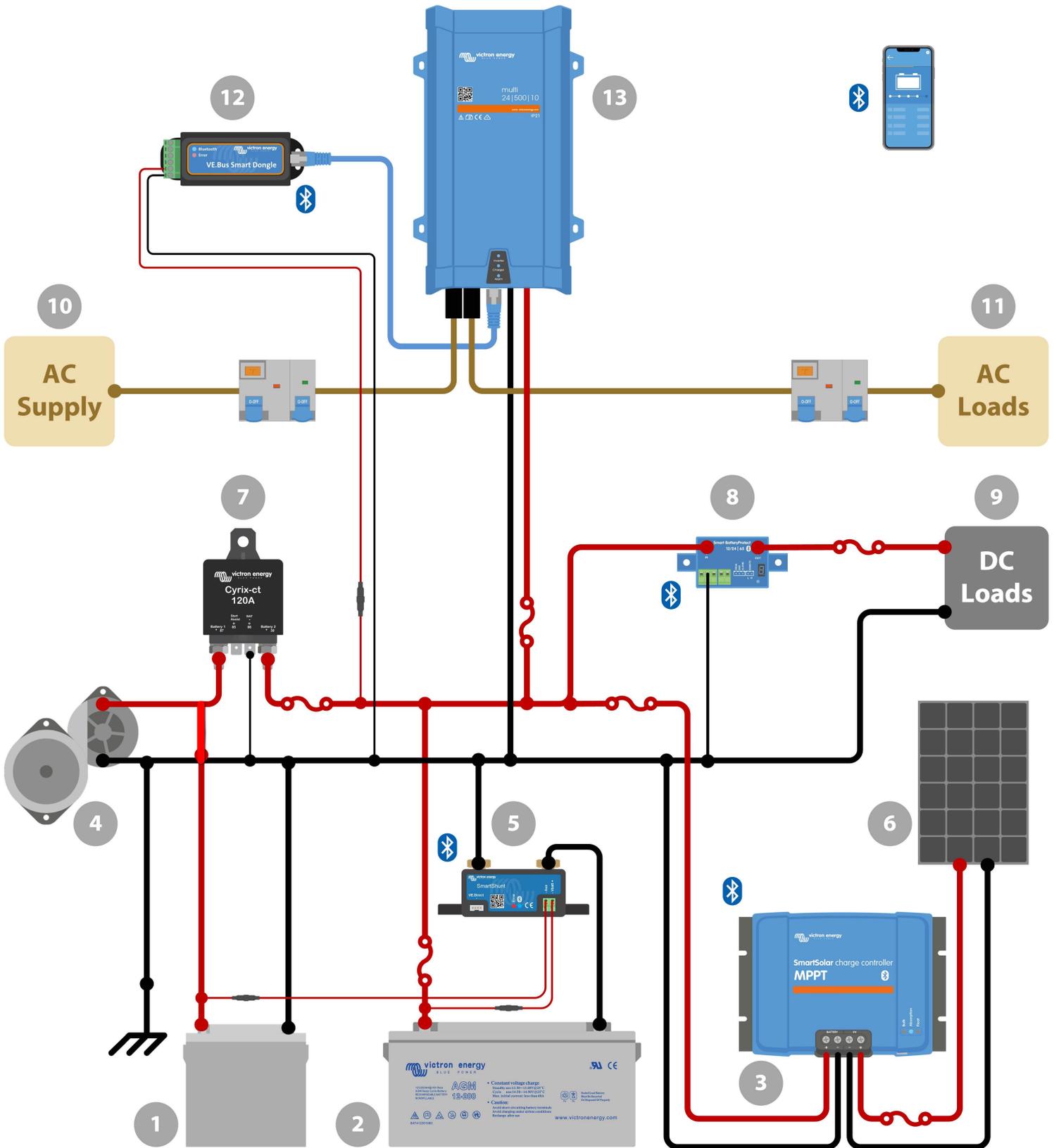


Marine System booklet

Complete simple system with VictronConnect monitoring



Marine System booklet

ID	Item and notes
	Starter battery.
	Main battery (house battery).
	SmartSolar MPPT solar charge controller , for 12, 24 or 48V systems with a charge current of 15A up to 100A or a BlueSolar MPPT solar charge controller without Bluetooth.
	Engine and alternator.
	SmartShunt battery monitor.
	Solar array consisting of a single or multiple solar panels .
	The Cyrix-ct intelligent battery combiner connects the starter battery to the house battery when the starter battery is being charged from the alternator, or the house battery is being charged from the battery charger. Available in 120A, 230A and 400A versions, for 12V, 24V or 48V systems.
	The Smart BatteryProtect disconnects the DC loads as soon as the battery voltage gets too low. Available in versions with Bluetooth (Smart BatteryProtect) or without Bluetooth (BatteryProtect) for 12V, 24V or 48V systems in 65A, 100A and 220A current ratings.
	DC loads (no chargers).
	AC supply from the grid (shore power) or a generator.
	AC system.
	MultiPlus inverter/charger , available for 12V, 24V 48V systems rating from 500 until 15000VA. Multiple units can be connected in parallel (to increase output power) and/or in 3-phase to form a larger system.
	The VE.Bus Smart dongle allows Bluetooth access to the inverter/charger for monitoring and /or configuration via the VictronConnect app.
	Bluetooth communication, use with the VictronConnect app for monitoring, configuration and inter-product communication (VE.Smart Networking).
	VictronConnect app to monitor and configure all Bluetooth enabled Victron "Smart" products.
	Positive (red) and negative (black) DC wiring. For more information on wiring see the Wiring Unlimited book .
	AC wiring.
	RJ45 UTP cable available in lengths from 0.3m to 30m. To prevent communication issues always use a manufactured cable.
	DC fuse. A wide range of DC fuses and fuse holders are available from Victron Energy. For fuse ratings see the product manuals or the Wiring Unlimited book .
	Fuse holder with DC fuse. This fuse ships together with the product.
	Circuit breaker (MCB) and residual current device (RCD).
	Chassis or ground.