

System						
solar	3 each 100 watt panels					
	Single Kid					
banks	2 Each 120 AH Vmax Tanks AGM (house)					
	1 each 120 AH VMAX Tanks AGM (start) on xantrex echo charge from house					
engine	Yanmar 2GM20F					
Alternator	Balmar small case 70 Amp externally regulated					
Regulator	Balmar ARS-5					
shore power charger	Xantrex 20 Amp (fixed config, battery tyoe selected via dip switch)					
Kid Conig						
menu	item	value	unit	comment		
Battery						
	absorb	14.7	VDC	per battery Mfg		
	absorb time	100	minutes			
	float	13.7	VDC	per battery mfg		
	amp Limit load	30	amps			
	amp limit battery	30	amps			
	Tcomp	-5	mv			
	EQ	no	N/A			
	Tcomp limits					
	min	8.5	VDC			
	max	15	VDC			
	Advanced					
	end amps	2.4	amps	1% of bank ampacity		
	rebulk	12.5	VDC			
Load						
	hourly	off	N/A			
	Night var of	off	N/A			

	LVD alarm	off	N/A			
	toggle test	off	N/A			
	diversion	off	N/A			
	float off	off	N/A			
	float on	off	N/A			
	pwm divert	off	N/A			
	daylight	off	N/A			
	night light	off	N/A			
	dusk + hours	off	N/A			
	manual	off	N/A			
Input						
	solar	on	N/A			
Aux						
	WBJR	auto	N/A			
	gen start	off	N/A			
	LBD High	off	N/A			
	LBD low	off	N/A			
Misc						
	LED power mode	normal	N/A			
	Status scroll	disabled	N/A			
	Temp					
	CPU	29C	degrees C			
	FET	26C	degrees C			
	Batt	14C	degrees C			
	LED mode	normal	N/A			
	timer	per display	hrs/mis			
	password	no	N/A			
Comm mode		twin	N/A			

Tech						
	calibration					
	battery V	14.2	VDC	realtime voltage value		
	V offset	0	VDC			
	Input V	19.2	VDC	realtime voltage value		
	V offset	0	VDC			
	autoclick sense	5	unknown			
	end amp shunt sel	WBJR	N/A			
	pre matching	0.8	unknown	default value		
	min lo power	5	watts			
	nightlight on PV	profile 1	N/A			
	Nightlight VOC	16.8 / 90%	unknown	default value		
	About Kid					
	bootloader vers	2.5	N/A			
	firmware vers	1811	N/A			
open items						
battery eficiency	battery efficiency	99%		need to figure out which menu item this belongs to		
temps				are CPU and FET temps realtime values, if so what are ranges?		
Nightlight VOC				figure out what this is		