

Paladin® DesignBase™ Programs Structure As Per Package Type

Item #	Program IP	Feature	Studio	Basic	CE	SE	Package Type						EEPlant
							HE	TE	PE	Core	Super	Power	
1	WC4	Editor (Graphical Interface)	X	X	X	X	X	X	X	X	X	X	X
2	WC1	Loader	X	X	X	X	X	X	X	X	X	X	X
3	WC15	Build Devices	X	X	X	X	X	X	X	X	X	X	X
Fault Analysis													
4	WC6	AC Short Circuit - 3 phase ANSI/IEEE&PDE and IEC909		X	X	X	X	X	X	X	X	X	X
5	WC30	AC single Phase Short Circuit		X	X	X	X	X	X	X	X	X	X
6	WC28	AC & DC Arc Flash Evaluation (NFPA 70E 2004 & IEEE 1584)		X	X	X	X	X	X	X	X	X	X
7	WP220	AC Short Circuit - IEC 363									X	X	X
8	WP205	DC Short Circuit Classical & IEC 61660										X	X
Protection Coordination													
9	WC14	AC & DC system Protective Device Coordination			X	X	X	X	X	X	X	X	X
10	WE227	Distance Relays											X
Power Flow Analysis													
11	WC29	Advanced Power Flow		X	X	X	X	X	X	X	X	X	X
12	WC31	Advanced Single Phase Power Flow		X	X	X	X	X	X	X	X	X	X
13	WC32	Advanced Motor Starting			X	X	X	X	X	X	X	X	X
14	WS123	Power Flow Phase Dependent									X	X	X
15	WP215	AC Voltage Profile							X			X	X
16	WP222	Integrated AC/DC Load Flow										X	X
17	WP207	Objected Oriented DC Load Flow										X	X
18	WE231	PSO (Power System Optimization)											X
19	WE229	Voltage Stability & Contingency Analysis											X
20	WS121	Load Forecasting							X			X	X

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		Power Quality Analysis and Mitigation											
21	WP200	Harmonics Analysis (with Automatic Filter Sizing)					X		X			X	X
22	WP216	Reliability Worth Assessment of Distribution System										X	X
23	WP210	Capacitor Sizing										X	X
		Dynamic Behavior Simulation											
24	WP225	Advanced Transient Stability Analysis (with Model Builder)						X	X			X	X
25	WE350	EMTAP (Electromagnetic Transient Analysis)											X
		Design Optimization											
26	WC19	Schedules			X	X	X	X	X	X	X	X	X
27	WS113	Induction Motor Parameters							X		X	X	X
28	WS114	Computation of Impedance Parameters - Synchronous Motors									X	X	X
29	WS110	Advanced Substation Grounding Grid Design 3-D Plotting				X			X		X	X	X
30	WS104	Cable Pulling									X	X	X
31		Cable Magnetic Field											X
32	WS117	Transmission Line Parameters									X	X	X
33	WS111	Shielding									X	X	X
34	WS105	Advanced Power Cable Ampacity				X			X		X	X	X
		Sizing Optimization											
35	WP208	Battery Sizing										X	X
36	WC21	NEC Wire Sizing				X			X	X	X	X	X
37	WC25	Generator Set Sizing								X	X	X	X
38	WC24	Bare Wire Sizing								X	X	X	X
39	Wc22	Short Line Parameters								X	X	X	X
40	WS115	Sag and Tension									X	X	X