

Battery Profile Quick Reference

Most commonly used battery profiles for each Summit Series II model

Model 30600 (48-36V/650W, Auto Voltage Mode Factory-Activated)

Battery Type	Battery Capacity (Ah, 20-hr Rate)	Profile Description	Profile Number
Flooded/Wet	105-149	Auto-voltage mode: 48V or 36V flooded/wet lead-acid battery packs with a 20-hr rating of 105-149 Ah Single-voltage mode: 36V flooded/wet lead-acid battery packs with a 20-hr rating of 105-149 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.39 VPC absorption, 4A finish, Progressive DV/DT termination, equalize active	22250
Flooded/Wet	150-204	Auto-voltage mode: 48V or 36V flooded/wet lead-acid battery packs with a 20-hr rating of 150-204 Ah Single-voltage mode: 36V flooded/wet lead-acid battery packs with a 20-hr rating of 150-204 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.39 VPC absorption, 6A finish, Progressive DV/DT termination, equalize active	22251
Flooded/Wet	205-260	Auto-voltage mode: 48V or 36V flooded/wet lead-acid battery packs with a 20-hr rating of 205-260 Ah Single-voltage mode: 36V flooded/wet lead-acid battery packs with a 20-hr rating of 205-260 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.39 VPC absorption, 8A finish, Progressive DV/DT termination, equalize active	22252
AGM	85-260	Auto-voltage mode: 48V or 36V AGM lead-acid battery packs with a 20-hr rating of 85-260 Ah Single-voltage mode: 36V AGM lead-acid battery packs with a 20-hr rating of 85-260 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.45 VPC absorption, DI/DT termination, 2.27 VPC float	22259
Gel	85-260	Auto-voltage mode: 48V or 36V Gel lead-acid battery packs with a 20-hr rating of 85-260 Ah Single-voltage mode: 36V Gel lead-acid battery packs with a 20-hr rating of 85-260 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.38 VPC absorption, DI/DT termination, 2.25 VPC float	22260

Model 29700 (48V/650W)

Battery Type	Battery Capacity (Ah, 20-hr Rate)	Profile Description	Profile Number
Flooded/Wet	105-149	<p>Single-voltage mode: 48V flooded/wet lead-acid battery packs with a 20-hr rating of 105-149 Ah</p> <p>Auto-voltage mode: 48V or 36V flooded/wet lead-acid battery packs with a 20-hr rating of 105-149 Ah</p> <p>Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.39 VPC absorption, 4A finish, Progressive DV/DT termination, equalize active</p>	22200
Flooded/Wet	150-204	<p>Single-voltage mode: 48V flooded/wet lead-acid battery packs with a 20-hr rating of 150-204 Ah</p> <p>Auto-voltage mode: 48V or 36V flooded/wet lead-acid battery packs with a 20-hr rating of 150-204 Ah</p> <p>Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.39 VPC absorption, 6A finish, Progressive DV/DT termination, equalize active</p>	22201
Flooded/Wet	205-260	<p>Single-voltage mode: 48V flooded/wet lead-acid battery packs with a 20-hr rating of 205-260 Ah</p> <p>Auto-voltage mode: 48V or 36V flooded/wet lead-acid battery packs with a 20-hr rating of 205-260 Ah</p> <p>Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.39 VPC absorption, 8A finish, Progressive DV/DT termination, equalize active</p>	22202
AGM	85-260	<p>Single-voltage mode: 48V AGM lead-acid battery packs with a 20-hr rating of 85-260 Ah</p> <p>Auto-voltage mode: 48V or 36V AGM lead-acid battery packs with a 20-hr rating of 85-260 Ah</p> <p>Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.45 VPC absorption, DI/DT termination, 2.27 VPC float</p>	22209
Gel	85-260	<p>Single-voltage mode: 48V Gel lead-acid battery packs with a 20-hr rating of 85-260 Ah</p> <p>Auto-voltage mode: 48V or 36V Gel lead-acid battery packs with a 20-hr rating of 85-260 Ah</p> <p>Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.38 VPC absorption, DI/DT termination, 2.25 VPC float</p>	22210

Model 29900 (36V/650W)

Battery Type	Battery Capacity (Ah, 20-hr Rate)	Profile Description	Profile Number
Flooded/Wet	105-149	Single-voltage mode: 36V flooded/wet lead-acid battery packs with a 20-hr rating of 105-149 Ah Auto-voltage mode: 48V or 36V flooded/wet lead-acid battery packs with a 20-hr rating of 105-149 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.39 VPC absorption, 4A finish, Progressive DV/DT termination, equalize active	22250
Flooded/Wet	150-204	Single-voltage mode: 36V flooded/wet lead-acid battery packs with a 20-hr rating of 150-204 Ah Auto-voltage mode: 48V or 36V flooded/wet lead-acid battery packs with a 20-hr rating of 150-204 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.39 VPC absorption, 6A finish, Progressive DV/DT termination, equalize active	22251
Flooded/Wet	205-260	Single-voltage mode: 36V flooded/wet lead-acid battery packs with a 20-hr rating of 205-260 Ah Auto-voltage mode: 48V or 36V flooded/wet lead-acid battery packs with a 20-hr rating of 205-260 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.39 VPC absorption, 8A finish, Progressive DV/DT termination, equalize active	22252
AGM	85-260	Single-voltage mode: 36V AGM lead-acid battery packs with a 20-hr rating of 85-260 Ah Auto-voltage mode: 48V or 36V AGM lead-acid battery packs with a 20-hr rating of 85-260 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.45 VPC absorption, DI/DT termination, 2.27 VPC float	22259
Gel	85-260	Single-voltage mode: 36V Gel lead-acid battery packs with a 20-hr rating of 85-260 Ah Auto-voltage mode: 48V or 36V Gel lead-acid battery packs with a 20-hr rating of 85-260 Ah Profile parameters: 13.5A bulk (48V), 18A bulk (36V), 2.38 VPC absorption, DI/DT termination, 2.25 VPC float	22260

Model 29300 (24V/650W)

Battery Type	Battery Capacity (Ah, 20-hr Rate)	Profile Description	Profile Number
Flooded/Wet	190-245	For use with 24V flooded/wet lead-acid battery packs with a 20-hr rating of 190-245 Ah Profile parameters: 24V pack, 27A bulk, 2.39 VPC absorption, 8A finish, Progressive DV/DT termination, equalize active	22300
Flooded/Wet	246-300	For use with 24V flooded/wet lead-acid battery packs with a 20-hr rating of 246-300 Ah Profile parameters: 24V pack, 27A bulk, 2.39 VPC absorption, 10A finish, Progressive DV/DT termination, equalize active	22301
Flooded/Wet	301-435	For use with 24V flooded/wet lead-acid battery packs with a 20-hr rating of 301-435 Ah Profile parameters: 24V pack, 27A bulk, 2.39 VPC absorption, 12A finish, Progressive DV/DT termination, equalize active	22302
AGM	100-335	For use with 24V AGM lead-acid battery packs with a 20-hr rating of 100-335 Ah Profile parameters: 24V pack, 27A bulk, 2.45 VPC absorption, DI/DT termination, 2.27 VPC float	22309
Gel	100-335	For use with 24V Gel lead-acid battery packs with a 20-hr rating of 100-335 Ah Profile parameters: 24V pack, 27A bulk, 2.38 VPC absorption, DI/DT termination, 2.25 VPC float	22310

Model 30400 (48-36V/1050W, Auto Voltage Mode Factory-Activated))

Battery Type	Battery Capacity (Ah, 20-hr Rate)	Profile Description	Profile Number
Flooded/Wet	150-224	Auto-voltage mode: 48V, 36V, or 24V flooded/wet lead-acid battery packs with a 20-hr rating of 150-224 Ah Single-voltage mode: 48V flooded/wet lead-acid battery packs with a 20-hr rating of 150-224 Ah Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.39 VPC absorption, 6A finish, Progressive DV/DT termination, equalize active	22000
Flooded/Wet	225-260	Auto-voltage mode: 48V, 36V, or 24V flooded/wet lead-acid battery packs with a 20-hr rating of 225-260 Ah Single-voltage mode: 48V flooded/wet lead-acid battery packs with a 20-hr rating of 225-260 Ah Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.39 VPC absorption, 9A finish, Progressive DV/DT termination, equalize active	22001
Flooded/Wet	261-440	Auto-voltage mode: 48V, 36V, or 24V flooded/wet lead-acid battery packs with a 20-hr rating of 261-440 Ah Single-voltage mode: 48V flooded/wet lead-acid battery packs with a 20-hr rating of 261-440 Ah Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.39 VPC absorption, 12A finish, Progressive DV/DT termination, equalize active	22002
AGM	100-335	Auto-voltage mode: 48V, 36V, or 24V AGM lead-acid battery packs with a 20-hr rating of 100-335 Ah Single-voltage mode: 48V AGM lead-acid battery packs with a 20-hr rating of 100-335 Ah Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.45 VPC absorption, DI/DT termination, 2.27 VPC float	22009
Gel	100-335	Auto-voltage mode: 48V, 36V, or 24V Gel lead-acid battery packs with a 20-hr rating of 100-335 Ah Single-voltage mode: 48V Gel lead-acid battery packs with a 20-hr rating of 100-335 Ah Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.38 VPC absorption, DI/DT termination, 2.25 VPC float	22010

Model 28740 (48V/1050W)

Battery Type	Battery Capacity (Ah, 20-hr Rate)	Profile Description	Profile Number
Flooded/Wet	150-224	<p>Single-voltage mode: 48V flooded/wet lead-acid battery packs with a 20-hr rating of 150-224 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V flooded/wet lead-acid battery packs with a 20-hr rating of 150-224 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.39 VPC absorption, 6A finish, Progressive DV/DT termination, equalize active</p>	22000
Flooded/Wet	225-260	<p>Single-voltage mode: 48V flooded/wet lead-acid battery packs with a 20-hr rating of 225-260 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V flooded/wet lead-acid battery packs with a 20-hr rating of 225-260 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.39 VPC absorption, 9A finish, Progressive DV/DT termination, equalize active</p>	22001
Flooded/Wet	261-440	<p>Single-voltage mode: 48V flooded/wet lead-acid battery packs with a 20-hr rating of 261-440 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V flooded/wet lead-acid battery packs with a 20-hr rating of 261-440 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.39 VPC absorption, 12A finish, Progressive DV/DT termination, equalize active</p>	22002
AGM	100-335	<p>Single-voltage mode: 48V AGM lead-acid battery packs with a 20-hr rating of 100-335 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V AGM lead-acid battery packs with a 20-hr rating of 100-335 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.45 VPC absorption, DI/DT termination, 2.27 VPC float</p>	22009
Gel	100-335	<p>Single-voltage mode: 48V Gel lead-acid battery packs with a 20-hr rating of 100-335 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V Gel lead-acid battery packs with a 20-hr rating of 100-335 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.38 VPC absorption, DI/DT termination, 2.25 VPC float</p>	22010

Model 29400 (36V/1050W)

Battery Type	Battery Capacity (Ah, 20-hr Rate)	Profile Description	Profile Number
Flooded/Wet	150-224	<p>Single-voltage mode: 36V flooded/wet lead-acid battery packs with a 20-hr rating of 150-224 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V flooded/wet lead-acid battery packs with a 20-hr rating of 150-224 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.39 VPC absorption, 6A finish, Progressive DV/DT termination, equalize active</p>	22050
Flooded/Wet	225-260	<p>Single-voltage mode: 36V flooded/wet lead-acid battery packs with a 20-hr rating of 225-260 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V flooded/wet lead-acid battery packs with a 20-hr rating of 225-260 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.39 VPC absorption, 9A finish, Progressive DV/DT termination, equalize active</p>	22051
Flooded/Wet	261-440	<p>Single-voltage mode: 36V flooded/wet lead-acid battery packs with a 20-hr rating of 261-440 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V flooded/wet lead-acid battery packs with a 20-hr rating of 261-440 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.39 VPC absorption, 12A finish, Progressive DV/DT termination, equalize active</p>	22052
AGM	100-335	<p>Single-voltage mode: 36V AGM lead-acid battery packs with a 20-hr rating of 100-335 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V AGM lead-acid battery packs with a 20-hr rating of 100-335 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.45 VPC absorption, DI/DT termination, 2.27 VPC float</p>	22059
Gel	100-335	<p>Single-voltage mode: 36V Gel lead-acid battery packs with a 20-hr rating of 100-335 Ah</p> <p>Auto-voltage mode: 48V, 36V, or 24V Gel lead-acid battery packs with a 20-hr rating of 100-335 Ah</p> <p>Profile parameters: 22A bulk (48V), 25A bulk (36V), 25A bulk (24V), 2.38 VPC absorption, DI/DT termination, 2.25 VPC float</p>	22060